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U.S. Department of Agriculture

## Flash MARIGOLD

Flower of the Year. Top-Winning All-America Selection, awarded the coveted Silver Medal for 1945.

Uniform, rounded bush form, a foot high, earliest blooming Marigold. Hundreds of fiery, flashing, single blooms on each plant.

**SPRING**



All different or varied bicolor flares of richest yellow or orange and red on same plant give novel bizarre effect until killing frosts. The outstanding French Marigold everybody wants for beds, borders and cut-flowers.

Pkt. 25c; 3 pkts. 60c  
1/8oz. \$1.00; oz. \$6.30

**1945**

**H. G. HASTINGS CO., ATLANTA 2, GEORGIA**

# HASTINGS'

## *Red Heart Super* STONE MOUNTAIN WATERMELON

**No. 264**

Our newest and finest strain of the greatest home-garden and market Watermelon ever introduced.

Crops of this superb melon sold for prices up to nearly \$1,000.00 per car last summer, with individual melons bringing \$1.00 each on the retail markets in the South, and up to \$2.50 each on eastern markets.

Our seed crops last summer were the most beautiful we have ever grown. Order early, as we sold out completely last year.

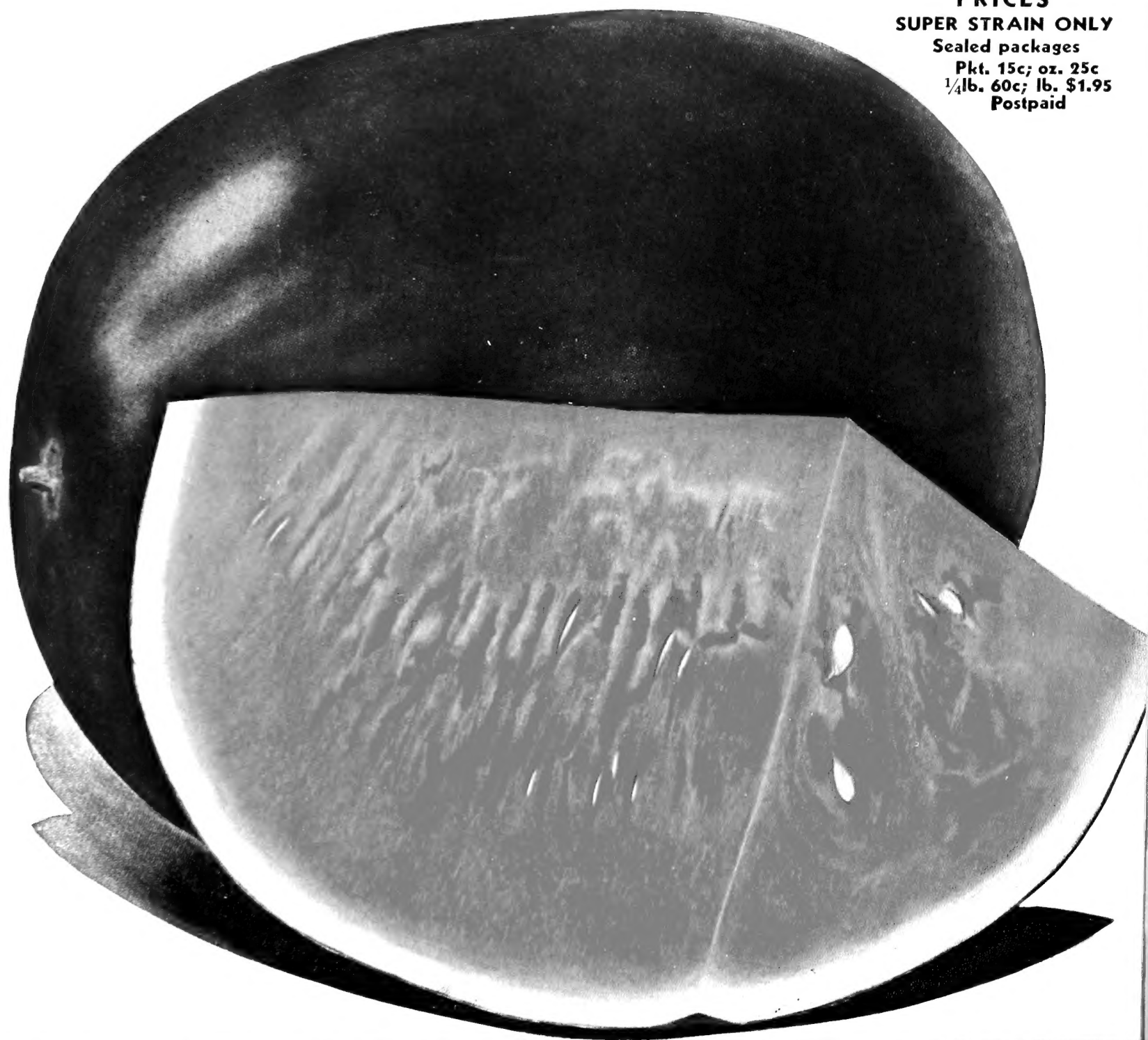
### PRICES

#### SUPER STRAIN ONLY

Sealed packages

Pkt. 15c; oz. 25c

1/4 lb. 60c; lb. \$1.95  
Postpaid



**H. G. HASTINGS CO., ATLANTA, 2 • GEORGIA**



**Hastings'**  
**SEEDS**

S-45

Please do not write in this space

Ship to me by Mail ☐ Express ☐ Freight ☐  
(Mark X in square for desired shipment)

Name \_\_\_\_\_  
(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice \_\_\_\_\_ State \_\_\_\_\_

Rural Box Express or  
Route No. No. Freight Office \_\_\_\_\_  
(If Different from Your Post Office)

Street  
Address

PLEASE READ DIRECTIONS FOR ORDERING IN CATALOG

[illegible]

*Send All Mail Orders Directly To H. G. Hastings Co., Atlanta, Ga.—We Have No Agents.*



# FOOD WILL WRITE THE PEACE!

## FLOWERS WILL HELP HEAL WAR'S HEARTACHES



Dear Farm and Garden Friends:

### Your Country Is Still At War - Are You?

Most of us here in the South have made some wonderful gains during these three war years - money gains due to home production of food and feed needs; health gains from fresh vegetable food direct from garden to kitchen with all good qualities retained. Money that used to be sent away now stays at home where it belongs to stay - war or no war.

World War 2 is far from over. Our memory is keen of the fact that after shooting stopped in World War 1 our food and price troubles were far worse 1919 to 1921 than from 1914 to 1918. Food short on many items, sky high prices on what we had to buy. Never a time so necessary for home food and feed production needs as now, if you are to play safe from such troubles.

Victory Gardens of 1942 and 1943 were the foundation on which our money and health gains were built. In 1944 our people were confused as to the year's food needs by conflicting and misleading stories from different Washington agencies and this confusion and unfavorable planting conditions led many to abandon planting a garden. As a result they have paid high prices for fresh and canned vegetables ever since.

A good Victory Garden in 1945 is needed just as much as in 1942 and 1943 by every family, farm or town, who has even a small plot of good ground. They should be planned ahead, planted and kept replanted through the year. Vegetables direct from garden to kitchen lose none of their valuable qualities and are also needed to fill jars or cans for winter use.

This is a part of World War 2 that you can wage wherever you may be. Every pound of food from your garden releases a pound for service man or war worker. It's patriotic, a real money saver and better health for you and your family. Keep up this fight through your garden, not only for the armed services but home folks as well.

**Seed is the mother of food.** Hastings' Seeds planted in your garden insures your food the very best of mothers in 1945.

Yours very sincerely,

*H.G. Hastings*  
H. G. HASTINGS CO.

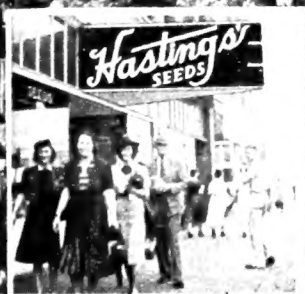
THE COMPANY WILL NOT BE RESPONSIBLE FOR THE QUALITY OF SEEDS PLANTED IN YOUR GARDEN. THE QUALITY OF SEEDS PLANTED IN YOUR GARDEN IS THE RESPONSIBILITY OF THE PLANTER. THE QUALITY OF SEEDS PLANTED IN YOUR GARDEN IS THE RESPONSIBILITY OF THE PLANTER.



**H. G. HASTINGS**  
Founder and Chairman



**DONALD M. HASTINGS**  
President



**NEW CHATTANOOGA**  
STORE, 715 CHERRY ST.



**ATLANTA—MITCHELL ST., AT BROAD**



**BIRMINGHAM**  
2205 SECOND AVE., N.

**IT'S EASIER TO SHOP BY MAIL — SEND MAIL ORDERS DIRECTLY TO ATLANTA**



# Now Some Really Good

## **EDIBLE SOY BEANS**



Hastings' Edible Soy Beans—Eat Them Like Lima or Butter Beans

Soy Beans have become a standard farm crop here in the South for hay, for green manure, and for the seed. They have proven their value and have earned their place in our farm planting lists. But now we have found soybeans that are edible, of excellent quality and flavor and perfectly adapted to our Southern garden soils and Southern climate, bringing another successful, healthful vegetable to serve on our tables.

Edible soys have played a very important part in Asiatic history meaning health and strength to many millions in those areas where grown as contrasted to even much smaller peoples in areas where only rice abounds.

Our plant explorers from this country have brought many soys from Asia and have used them both

as stock plantings and as blood lines for hybrids, and after testing dozens and dozens are recommending only a few.

From these few, we, of the Hastings group, have selected, from further tests right here in the South, three varieties that we can sincerely recommend for garden use in this great section where we serve.

These three, early—medium—late, are all of delicious quality, rich in vitamins, rich in proteins, and most nutritious for us all. Not only are they easily grown—same culture as for bush lima beans—but they are quite resistant to disease as well as to bean beetles and many other insects that seriously damage other types of garden beans.

## **Culture and Preparation of Edible Soy Beans**

Edible Soy Beans may be planted here in the South as quickly as the soil is warm enough to plant cotton and they thrive in almost any fairly rich and well drained soil with full sun.

Well rotted cow lot or stable manure worked well into the soil is excellent fertilizer material.

Regular soy bean inoculation is recommended. It is only necessary to plant in garden rows the same as butter beans, and to keep them free of weeds during the growing season.

After the beans are well formed in the pods, they may be picked and prepared for the table.

The pods themselves are very tough and are inedible. To shell them easily it is only necessary to pour boiling water over them and to let them stand for five minutes, after which they will shell out readily. The green shelled beans are cooked the same as butter or lima beans and are very rich, tasty and delicious with a good tomato sauce or melted butter and seasoning. Those beans that are left to dry on the plants may be threshed or beaten out and stored for winter use.

To prepare them, they must be soaked overnight to soften them for cooking the same as dried peas or butter beans. In the green shelling stage they are superb for canning, using same methods as for butter or lima beans.

### **Edible Soy Bean Prices**

**BANSEI.** Early, very dwarf, heavily productive pods crowded thickly up and down main branches. Tender, sweet and delicious.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. Postpaid.

**ROKUSON.** Medium size, mid-season maturity, large, thickly set pods borne profusely along the branches. Quality very good.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. Postpaid.

**SEMINOLE.** Large, late, unusually prolific and thrifty, bearing its tremendous crop that may be gathered green or dry, the same as lima or butter beans. Superb, tender and delicious. Should be planted early to mature in time.  $\frac{1}{4}$  Lb., 15c. Lb., 50c. Postpaid.

These fine edible soy beans are disease and insect resistant, needing only a little space, as for butter beans, and clean cultivation to keep down the weeds.


### **Edible Soys Are Delicious**





★ ★ ★ **THE NEW 1945 AAS WINNERS** ★ ★ ★

**All-America Flowers**

 **7602 FLASH MARIGOLD. 1945 Winner.** Bring this newest marigold sensation to your garden in 1945. Pictured in full color on cover. Useful in the smallest or largest gardens. Pkt., 25c.

 **7603 MAMMOTH MUM MARIGOLD. 1944 Winner.** Truly mammoth in size and of the famous Chrysanthemum flowered type that does so well in Southern gardens. Stocky 2 ft. plants bearing loads of large, rich yellow, full, deep, long stemmed flowers all summer. Pkt., 25c.

 **8218 CHEERFUL PETUNIA. 1944 Winner.** A really new rich pink petunia with soft salmon suffusion that delights anyone's most critical taste. Compact dwarf plants covered all summer until frost with these loveliest, decorative flowers to grace the garden. Pkt., 25c.

 **5737 COSMOS, YELLOW KLONDYKE. 1942 Silver Medal.** A brilliant yellow edition of Orange Flare the gold medal winner in 1935. Very prolific. Pkt., 25c.

 **7797 MORNING GLORY, PEARLY GATES. 1942 Silver Medal.** A pure white sport of Heavenly Blue, and a companion to Scarlett O'Hara. Vigorous grower. Pkt., 20c.



7602 Flash Marigold

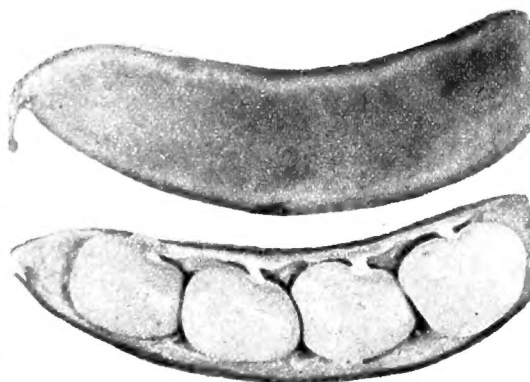


7603 Mammoth Mum Marigold

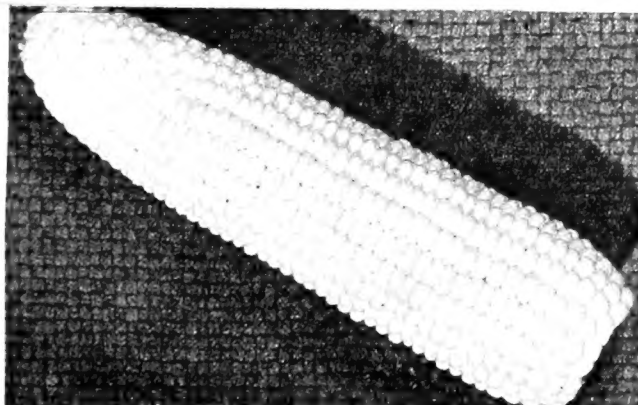
The All-America selections each year are the most worthy new varieties being introduced from around the world. The many proposed introductions are tried out in twelve sections of America, including our own South under our supervision. Sixteen judges in whom we all have the greatest confidence, watch over these trials and select the most outstanding for awards and recommendation, as the best of their kinds or colors to date. They are different. They are good. They should do well in your garden. Be the first to grow and show them in 1945! "Keep 'em growing" for Victory!

**NEW SENSATION**

**14 HASTINGS' STRINGLESS WONDER POLE BEAN.** Our own introduction and the greatest contribution to the list of Pole Beans since McCaslan and Ky. Wonder! Plants are unusually strong and vigorous to climb on poles or corn stalks and continues to bear until frost if kept worked and free of insects, etc. The pods are medium long, round, very meaty, tender, delicious and absolutely stringless even to full maturity. We think this new bean not only is the finest flavored bean in existence but is superb for canning and the white seed shell out dry for winter use. A real all purpose pole bean that we predict will supplant most of the older varieties. 1/4 Lb., 15c. 1/2 Lb., 30c. Lb., 50c.




4X Fordhook 242 Bush Lima





164 Golden Grain Sweet Corn

14 Hastings' Stringless Wonder Pole Beans

**All-America and Novelty Vegetables for the South**

 **164 GOLDEN GRAIN HYBRID SWEET CORN. 1944 Winner.** New, medium early, delicious, Bantam blooded, hybrid sweet corn that bears two golden ears on strong stalk with practically no suckers. Pkt., 25c.

 **4X FORDHOOK 242 BUSH LIMA BEAN. 1944 Winner.** The new Southern sensation, being a highly bred Fordhook that has the marvelous ability to set and hold its pods even under adverse weather when other strains are worthless. One of the greatest contributions by the U.S.D.A. 1/4 Lb., 20c. 1/2 Lb., 35c. Lb., 60c. 2 Lbs., \$1.00. 5 Lbs., \$2.25. Postpaid.

 **213 GREAT LAKES LETTUCE. 1944 Winner.** Wonderful new Lettuce that holds longer into hot summer weather than any other tried. It is a real winner for the South! Crisp, tender rich green, iceberg type to head beautifully. Packets only, 25c.

 **432 JUBILEE ORANGE TOMATO. 1943 Winner.** Truly a heavy bearing rich golden orange tomato of delicious, mild flavor to delight the most fastidious. Perfect for fancy salads, but can be used for juice or canning. Of medium maturity. Pkt., 15c.



8218 Petunia Cheerful





## Artichokes

### JERUSALEM ARTICHOKE TUBERS

Widely used for pickling and boiling. To plant, cut tubers to buds or eyes, like potatoes. 2 Lbs. plant 50 ft. row. Lb., 30c. 5 Lbs., \$1.00. Postpaid.

## Asparagus

### 2 MARY WASHINGTON SEED

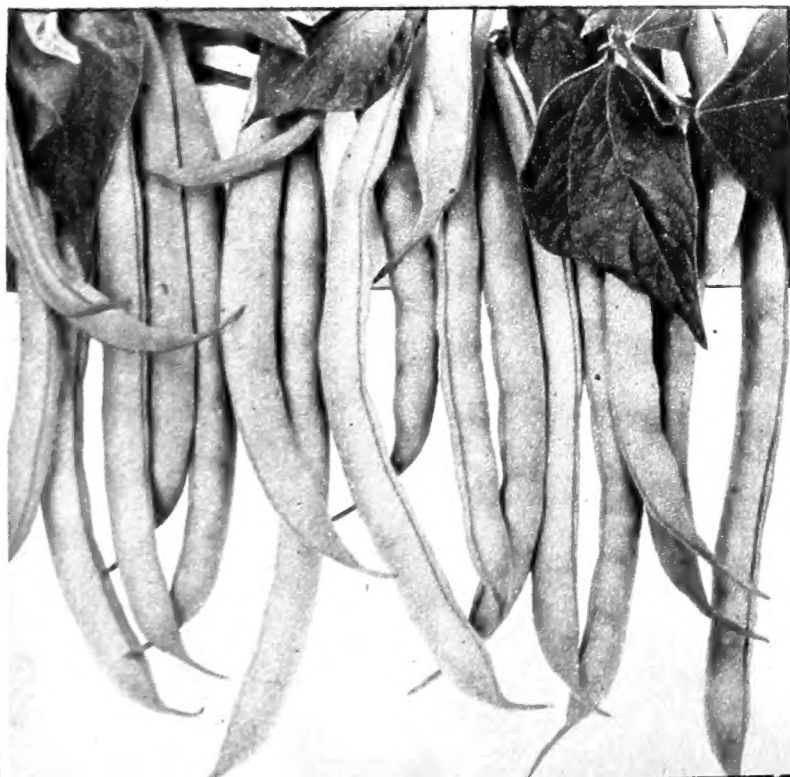
Best variety grown—giant sized, highest yielding and most tender. Extremely resistant to rust, vigorous grower and most uniform market type. Plant seed this spring for roots to set out next spring. Packet plants 50 ft. row. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Postpaid.

### 3 MARY WASHINGTON ROOTS

Hastings' fine grown roots. Save 1 to 2 years' time with roots and have the finest and tenderest tips. 100 roots plant a 20 by 25 ft. bed. 50 roots, \$2.00. 100 roots, \$3.50. Postpaid.



(4) Commodore or Bush Kentucky Wonder



A Garden Full  
of Beans  
All Summer for  
**45¢**

Collection of one full packet each of our famous Tendergreen Stringless Green Pod and Sure Crop Stringless Wax Pod bush snap beans, McCaslan Pole and Henderson Bush Lima. All 4 packets for 45c. Postpaid. (60c value.)

(6) Hastings' Stringless Green Pod

# Green **BUSH BEANS**

Contain Vitamins  
A and B1

**CULTURE**—Plant beans in the middle South from March to September. Continuous plantings may be grown through the entire summer. Sow in drills 1½ to 2 feet apart, dropping a bean every 4 in. and cover 2 in. Soil should be warm and moist for good germination. Cultivate often and shallowly until vines blossom; then stop so roots will not be injured. Keep pods picked as they ripen. This keeps them bearing a long time. ½ Lb. of seed plants 50 ft. row of bush beans, or 100 ft. row of pole beans.

## HASTINGS' SEED BEANS

Because they are the most widely planted vegetable of the Spring garden, it is important to have the cleanest, disease-free stock grown in disease-free sections. With beans from Hastings you can plant with confidence that you have the very best stock obtainable for your Southern garden soil and your Southern climatic conditions. For well over fifty years the Hastings organization has specialized, not in seeds for the North, or West, or East, but in seeds primarily suited to the South. So, whenever you send your order to Hastings in Atlanta you know you are playing safe to grow the very best crops your garden soil and the season will allow.

## 6 Hastings' Stringless Green Pod Beans

Garden for  
**PEACE!**

52 days. Our most popular, most largely planted bush bean for home gardens and nearby markets. Stringless and fiberless from the first pods until full grown and starting to dry up. Surpasses in crisp, tender qualities and fine flavor. Makes a beautiful appearance with its long, smooth round and crease-backed dark green brittle pods, 5½ to 6 in long, ½ in. thick. Immensely prolific, strong, vigorous grower; comes into bearing early and continues to bear after other bush varieties have gone. Of greatest value for the home garden or nearby markets, where quality combined with heaviest yields is desired. Seeds coffee-brown. We recommend it fully. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

## 4 COMMODORE—BUSH KENTUCKY WONDER



All America Winner. One of the most popular bush beans that we have ever offered. Being a shy seeder we have not been able to offer it in several years, but now we have an even more vigorous strain producing long, slightly curved, rounded meaty and delicious pods that indicate that superb Kentucky Wonder flavor that has been matchless for generations. Supply limited. Order early. ¼ Lb., 20c. ½ Lb., 30c. Lb., 50c. Postpaid.

## 24 STRINGLESS VALENTINE GREEN POD



All-America Award of Merit, 1933. 49 days to picking. Stringless form of Black Valentine, especially adapted for early home use, market gardening and early shipping. It is hardier and will stand earlier planting than most beans. It is disease-resistant. Plant large, erect, prolific. Nearly straight dark green, oval pods, strictly stringless, meaty, of fine quality and flavor. Pods about 6½ in. long, ¾ in. wide. Seeds black. Plant this for the best early, disease-resistant bean. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

## 25 Hastings' Red Valentine

Round Podded—52 days. The old dependable bush bean of the South for home gardens, market and shipping. Medium sized plants are hardy, erect and very heavily productive. Pods are meaty, round, crease-backed, brittle, curved, stringy, and of good quality. Pods are 4½ to 5 in. long, ¾ in. wide; uniform in ripening and stand shipping well. Seeds are purplish red, splashed buff yellow. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

## 11 Bountiful Stringless

49 days. Market garden, shipping and early home garden variety; very popular for earliest garden snaps. Plant medium large, very thrifty and prolific. Pods thick-flat, light green, stringless, slightly fibrous. There is very little string on an old pod, unnoticeable in the snap stage. Pods are tender and brittle, of fine quality and handsome appearance with long broad, long-tipped, straight form. Pods 6½ in. long. ½ in. wide. Seeds are straw colored. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

Buy FRESH Seed ★ Order DIRECT From Hastings



There Are No Finer

## **BUSH BEANS**

for Your Southern Garden



(21) Tendergreen Stringless Green Pod

### **20 Surecrop Stringless Wax**

53 Days. The finest wax bean ever introduced. The handsome, rich, yellow pods are 6-7 in. long, very thick, very meaty and sweet; stringless at all stages of growth. Plants are upright in growth, healthy and vigorous. Seeds jet black.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **21 NEW TENDERGREEN STRINGLESS GREEN POD BEAN**

All-America Gold Medal, 1933. 53 days. Splendid for home, market and canning. Plant medium large, erect, rather thick stemmed and very heavily productive. Pods nearly straight, dark green, round, meaty and succulent; absolutely stringless, totally without fiber, of outstanding quality. Pods 6 to 6½ in. long,  $\frac{3}{8}$  in. thick. Seeds brownish buff with purple mottling. The superior snap-bean to date. It's very seldom that a new variety is originated which is outstanding above all others for the home garden. This means it must have the best eating qualities along with a handsome appearance and heavy yield.

$\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **36 Dixie White Half Runner**

52 days. A dependable favorite throughout the South where it is becoming increasingly popular. The vigorous plants have many half runners and are prolific with many 5-inch green pods that are of very good flavor cooked when about  $\frac{3}{4}$  mature. The pods may be left to dry, making perfect dry shell beans to keep for winter use.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **22 Tennessee Green Pod**

54 days. A great favorite in many parts of the South. It is a heavy bearer with meaty pods, stringless in early snap stage, good flavor and entirely worthwhile. Pods are large, broad, long and flat, about 6½ in. long by  $\frac{3}{4}$  in. wide. Seeds dark brown.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **19 Hastings' Early Wonder**

The Southern Navy Bean—It grows 16 to 20 in.

high, well set with medium-sized pods that stay on the plants without shattering, or rotting until ready to gather. When pods are well dried, plants may be cut, stored and shelled at your convenience. Pods too tough to eat.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.

### **28 Prolific Red Kidney**

95 days to picking. This is a popular commercial variety of fine quality for dry beans. Plants are large, vigorous and productive. Seeds are reddish-brown. It is not for green snap bean use.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. Postpaid. Supply limited.

### **39 U. S. No. 5**

A new Refugee type bush bean developed for high resistance to mosaic and other bean diseases that are so prevalent in summer. It is a heavy producer in hot weather when other beans fail to set crops. Plant large, vigorous, prolific. Pods light green, round, meaty, stringless.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **12 Giant Stringless Green Pod**

54 days. For market gardening, shipping and canning. A handsome, prolific bean, slightly longer, larger and straighter pods than Hastings' Stringless and a little later. It makes and holds an attractive appearance on the market and is a ready seller. While not as fine in quality as Hastings' Stringless, it is quite suitable for home and market. Plant large, sturdy, prolific. Pods medium green, round, meaty, stringless and brittle, with marked indentations between seeds. Pods 6-6½ in. long, 7/16 in. wide. Seeds yellowish brown.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **Wax Pod Bush Beans**

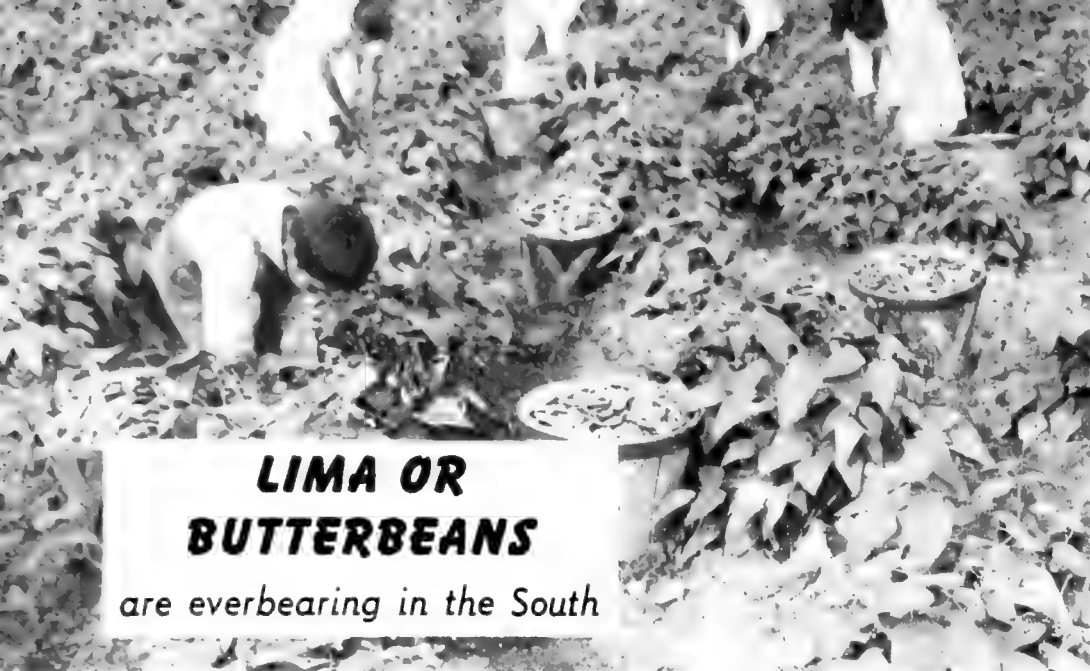
#### **30 Improved Golden Wax**

52 days. Prolific and vigorous. Pods golden yellow, thick, flat, stringless. 5 in. long.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

#### **32 Prolific Black Wax**

51 days. Heavily productive. Pods deep yellow, round, curved, fleshy, stringless, fiberless, tender and of fine quality.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lbs., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

**Try Some Edible Soy Beans  
This year—See Page 2**



## LIMA OR BUTTERBEANS

*are everbearing in the South*

(7) Hastings' Bush Lima Beans—Lima Beans Contain Vitamin B1

### 13 Hastings' Dixie Butterpea

Hastings' new introduction for more prolific Southern Gardens. Without question the finest, meatiest, most delicious bush lima or butter bean ever offered. Strong, vigorous, bushy plants loaded with small to medium pods with almost round, white, richly flavored, nutritious "butterpeas," that continue to bear until frost! May be served fresh, ideally canned for winter use.  $\frac{1}{4}$  Lb., 25c. Supply extremely short. Send quickly, please.

### 17 Jackson Wonder Bush

Calico Bush Lima. 65 days. Most prolific of all bush limas of Georgia origin and fully adapted to all parts of the South. Flavor rich and delicious. Good for summer use or as a winter shell bean. Extremely drought-resistant, surest cropper. Medium spreading plants of glossy, dark green. Flat pods,  $3\frac{3}{4}$  in. long,  $\frac{3}{4}$  in. wide, contain 3 to 4 beans. Seeds small, flat, light buff mottled purplish black.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### 7 Henderson Bush Lima

The Great Southern Favorite. 68 days. Most prolific of all the white seeded varieties, being a true bush form of the small Lima or "Sieva." One of the most popular varieties of butter beans for home, canning and market use. Plant small, erect, bushy, prolific. Pods flat, 3 to 4 seeds; 3 in. long,  $\frac{3}{4}$  in. wide. Seeds flat, small, of excellent quality, creamy white at maturity. This is the variety that is planted in the spring, in the summer, and in the lower South it may be planted in early fall to mature before frost and to bring highest market prices. It makes ideal dry beans for winter use.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### 8 Cangreen Bush Lima

1943 All-America Winner. 68 days. A green seeded edition of the popular Henderson variety and fully as prolific. Its great value is in its green color, making it more attractive for serving and canning. Bound to be a popular garden addition.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 30c. Lb., 50c. 2 Lbs., 90c. Postpaid.

40 FORDHOOK 242 BUSH LIMA. All-America Winner. Newest offering of U.S.D.A., giving us a genuine Fordhook with the distinct advantage of setting and holding crop of beans under general Southern conditions. Order early. It's good.  $\frac{1}{4}$  Lb., 20c.  $\frac{1}{2}$  Lb., 35c. Lb., 60c. 2 Lbs., \$1.00. 5 Lbs., \$2.25. Postpaid.

### 33 Fordhook Bush Lima

75 days. Considered the best of the large seeded bush lima varieties. Pods 4 to 5 in. long, 1 in. wide, in clusters of four to eight, are well filled with 3 to 5 delicious large beans that in quality surpass by far all the other lima beans. Seeds thick-oval, greenish white when dry.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 30c. Lb., 50c. 2 Lbs., 90c. 5 Lbs., \$1.95. 10 Lbs., \$3.60. Postpaid.

### 34 Improved Burpee Bush Lima

75 days. Improved bush form of the large white lima pole bean with extra large seed beans. The plants are vigorous and productive; very large pods, 5 in. long by  $1\frac{1}{4}$  in. wide. Contain 4 to 5 large, thick beans of excellent quality. Seed shows a greenish white tinge which is considered a sign of superior quality.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 30c. Lb., 50c. 2 Lbs., 90c. 5 Lbs., \$1.95. 10 Lbs., \$3.60. Postpaid.

### Hastings' 1945 Lima Bean Collection 35c—Postpaid

#### ORDER NOW TO BE READY

For plenty of butter beans fresh from your garden in summer and dry shell beans for a winter supply. One  $\frac{1}{4}$  pound packet each of the 3 best lima beans. Henderson Bush Lima, most prolific, white seeded; Jackson Wonder, best flavored, prolific Georgia favorite dry-weather resister; Small White Pole Lima, the heavy everbearer. All 3 for 35c. Postpaid.

## POLE LIMA BEANS

### 16 Hastings' New Fat Baby

Pole Lima. Our 1936 Introduction. Heaviest bearing pole lima bean of all and most delicious buttery flavored. Resembles Small White Lima or Sieva Bean, but beans are much thicker and shell out much heavier. The vine is simply crowded with well-filled, bulging pods, keeping on bearing as pods are picked. Dry beans are almost round, they are so thick, and they keep in grand condition. Be sure to try this prolific baby pole lima. Seeds go farther.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 30c. Lb., 50c. 2 Lbs., 90c. Postpaid.

### 10 Large White Pole Lima

88 days. King of the garden. The true large lima pole bean. Dry beans are large and flat, white in color.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### 27 Florida Butter Pole

78 days. It blooms and bears profusely all through the season. Will make an abundant crop under seasonal conditions that cause other varieties to fall. Seeds of the Small Lima or "Sieva" size, but are buff in color, spotted with brownish red. Pods in clusters, 3 small beans per  $3\frac{3}{4}$  by  $\frac{7}{8}$  in. pod. 65 seeds per ounce.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### 9 Small White Pole Lima

77 days. Carolina or Sieva Bean. A climbing type of Henderson Bush Lima. It's very prolific and a hardy grower for "butter beans" in the South. The 3-in., dark green curved pods contain 3 to 4 creamy white beans. This is the most generally grown Butter Bean in the South.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.



(13) Dixie Butterpea

*Recommending..*

## **HASTINGS' STRINGLESS WONDER POLE BEAN**

**Green Beans Are Rich in  
Vitamins A and B1**

### **14 HASTINGS' STRINGLESS WONDER**

**70 days.** Another Hastings' introduction that brings stringless, delicious quality to the superb flavor so characteristic of pole beans. This new development was tested in all sections of the South and in every instance proved sensational. It picks easily for use fresh. It is really a "knockout" for canning, holding the same superb tenderness and flavor upon opening and serving even weeks or months later. The vines are vigorous, thriving until frost when kept picked clean, frequently cultivated, and dusted against beetles. The pods are long, almost straight, round, very sweet and delicious in flavor and absolutely stringless at all stages of growth. Positively the finest new pole bean since our introduction of McCaslan many years ago. We recommend it unreservedly.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 30c. Lb., 50c. 2 Lbs., 90c. 5 Lbs., \$1.95. Supply very limited. Order early, please. Don't miss it.

### **15 Genuine Kentucky Wonder**

Old Homestead—Texas Prolific.

**65 days.** Most profitable green snap beans for you to plant from April to August. If closely picked it will continue bearing until frost. Immensely prolific, a peck often being picked from a single vine.

Plant for home and market gardens and canning. It is a strong climber, hardy; pods practically round, curved, irregular surface, meaty, of good quality, slightly stringy but fiberless and brittle; 8 in. long,  $\frac{1}{2}$  in. wide. Seeds buff brown. Begins bearing in about 50 days from summer planting. Kentucky Wonder has a flavor all its own, a great old standby.

$\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

### **5 Kentucky Wonder Wax Pole**

**65 days.** Vigorous, productive climber. Pods waxy yellow, flat, somewhat stringy and fibrous, meaty; 7 to 8 in. long,  $\frac{1}{2}$  in. wide. Seeds chocolate brown, 80 to the ounce. If you like the buttery wax colored beans, and most people do, you certainly must plant this.  $\frac{1}{4}$  Lb., 15c. Crop very limited.

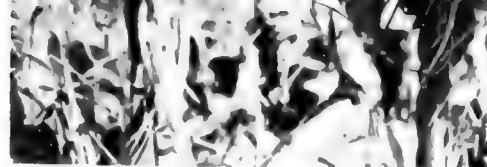
## **Real Cornfield Beans**

### **35 Hastings' White Cornfield**

**95 days.** White-seeded and best cornfield bean in snap stage and for dry shell beans. Hardy, vigorous and prolific. 5-6 in. snap pods are round, green, fleshy, quite stringless, tender and of good quality. Small oval seeds. 120 per ounce. Splendid variety for home, market and canning.  $\frac{1}{4}$  Lb., 20c. Postpaid. Crop very limited.

### **38 DECATUR POLE BEAN**

**A.A.S. Silver Medal Winner, 1942.** A superb new pole bean combining excellent quality and resistance to rust and mosaic. It has long, round, stringless, easily snapped, dark green pods. Seeds small, ivory white.  $\frac{1}{4}$  Lb., 25c. Supply limited.



Hastings' Stringless Wonder Pole Bean

### **18 Hastings' Genuine Cornfield**

**81 days.** Saves garden space and poles and grows in shade of corn. Furnishes a long, plentiful supply of snap beans for home or market. Vigorous growth, heavy bearing; 6-7 in. round, straight, medium green, fleshy, tender, somewhat stringy pods of good quality. Oval seeds, 98 per Oz., are greenish buff, mottled and striped brown. Well known, in greatest demand.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

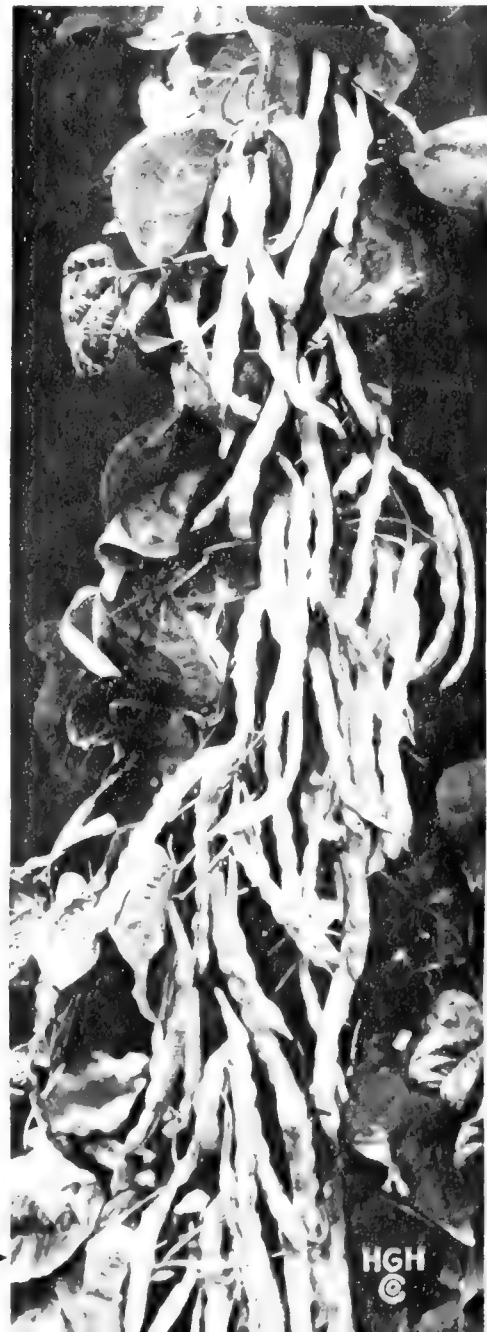
### **26 Hastings' Original Strain McCaslan Pole Bean**

**65 days.** Hastings' Introduction. It is the heaviest bearing bean. The large size pods fill perfectly. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the shell beans of pure white color are excellent for winter use. McCaslan is one pole bean for any Southern Garden. Strong climber, hardy, prolific over long season. Pods dark green, thick-flat, meaty, almost stringless, tender, of good quality and delicious flavor; 7 to 8 inches long,  $\frac{9}{16}$  inches wide. Seeds ivory white. Pods are of better shape, straighter than Kentucky Wonder and white seeded. It is unbeatable.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25.

### **37 BLUE LAKE POLE BEAN**

**65 days.** A semi-cornfield bean that was developed primarily for its earliness and suitability for home gardens, market, canning and for shell bean use. Truly it is an all-purpose bean.

The pods average about six inches in length by  $\frac{3}{8}$  in. width. The seeds are relatively small, go a long way in planting, are ivory white and make good dry shell beans for winter use. For an early cornfield or a good dependable home garden, market or canning variety we certainly do recommend that you try Blue Lake this year.  $\frac{1}{4}$  Lb., 15c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.



Hastings' Genuine Kentucky Wonder →

Buy FRESH Seed ★ Order DIRECT From Hastings ★

GH  
©



## 45 Hastings' New Improved Blood Turnip Beet

### IMPROVED DETROIT DARK RED

56 days. This is by far the most important Beet in America. It is an outstanding variety for all purposes—home, truckers, shippers and canners. Our pure-bred line is unsurpassed in the fine quality, sweetness and tenderness. Tops are medium, dark green tinged red and held erect. Roots are globular, smooth, uniform, attractive, with small tap root. Color is deep red and flesh is dark red with very indistinct zones. Pkt., 10c. Oz., 30c. ¼ Lb., 75c. Lb., \$2.25. Postpaid.

## 42 Crosby Early Egyptian

52 days. Extra early favorite for home and market. Medium tops, roots flattened globe shaped with small tap root and dark red skin. Tender and sweet. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. Postpaid.

## 49 Long Smooth Blood

80 to 90 days. Favorite for winter storage. Tops large, erect. Roots, 10 to 15 in. long by 3 in. across, are dark purplish red. Resists heat and drought. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

**Plant**  
**RED BEETS**  
*they will last all summer*  
**Now!**

Beets Contain  
Vitamin B1

(50) Perfected  
Detroit

## 43 Swiss Chard for Greens

Real cut and come again vegetable of delicious flavor. Does not make edible root. Lucullus—45 to 55 days. Leaves large, upright and as outer leaves are cut more come from the center. The leaf is boiled like spinach or turnip greens. Delicious, delicate flavor not found in turnips or kale. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 41 Jumbo Long Red Mangel

For Stock Feed Only. Not for the Table. Largest and heaviest yielder in the South of all Mangel beets. Roots grow from one-half to two-thirds above the surface and are usually 18-24 in. long and 4 to 6 in. wide. Light red, tapering roots; flesh rosy-white. Use deep, rich soil. The tonnage on rich or well fertilized ground is immense. For stock feed only, not for table. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. Postpaid.

**CULTURE**—Use rich garden soil after deep spading. Scatter seed thinly, in rows 18-24 in. apart. When 2-3 in. high, thin plants to 4-5 in. apart. Young beet tops are superior to spinach and turnips for greens. 1 Oz. plants 50 ft. of row; used 6 to 8 Lbs. per acre. Beets can play a very important part in your Victory garden because they may be gathered fresh over such a long time and they are so easily canned for winter use. It is only necessary to keep them cleanly cultivated and they will keep almost indefinitely. The rich vitamin B1 content is definitely of benefit in maintaining that good health that is so necessary during these critical times and when efficiency is at such a premium, regardless of what type of work we may be doing. A varied diet means good appetites and that means health.

## 48 Asgrow Wonder Beet

50 days. AAS. Gold Medal, 1934. Finest extra early variety. Splendidly adapted for home garden purposes as well as for market. Deep red all the way through, large semi-flat with rounded bottom, tops reaching about 15 in. and fine for bunching. Exceptionally uniform, very dark interior, fine grained, good flavor and the best early Beet. Smooth, clean skin, medium tops and collar and a small, slender tap root. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. Postpaid. Supply very limited.

## 50 Perfected Detroit

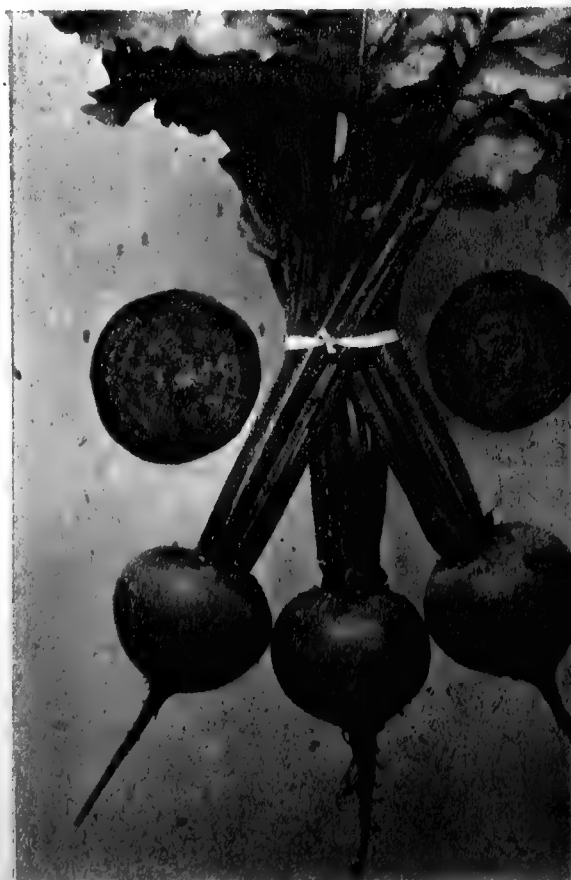
56 days. A.A.S. Award of Merit, 1934. From inbreeding and re-selection for generations, this strain produces marvelously rich blood-red meat all the way through. It does away with white or light colored zones in the flesh. It cans red with no browns or purples. It is in every way at least as fine as our Imp. Blood Turnip, superior in color, table and canning appearance. The best main-crop beet in existence—for home gardens, truckers, shippers and canners. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. Postpaid.

## 51 White French Sugar Mangel

For Stock Feed Only. Not For the Table. Its higher sugar content makes it valuable in fattening cattle. Roots very large, smooth, of oval shape. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. Postpaid.



(48) Asgrow Wonder Beet



(45) Improved Blood Turnip Beet

# CARROTS... Build Nerve and Muscle with Vitamins A and B1

**CULTURE**—Use rich, deeply worked soil. Sow shallowly in drills 16-18 in. apart in early spring, earlier in the far South. Thin plants to 3 in. apart. Cultivate frequently. 1 Oz. plants 100 ft. of row; 3-5 Lbs. per acre; full maturity 10-14 weeks.

## 64 Hastings' Imperator

77 days. Award of Merit, 1933 A.A.S. Outstanding type for home, market and shipping, now giving a Carrot for the South and East to compete with California Chantenays in shape, color and quality. Roots tapered, 8 in. long, 1½ in. across top. Rich orange throughout, indistinct core, tender, fine grained, fine quality. Medium tops for bunching. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 66 Early Oxheart Carrot

**OR GUERANDE** — 72 days. Famous stump-rooted Carrot. Roots 3 in. wide at top, 2 in. across bottom. 4 in. long. Free from hard core; of finest table quality. Very highly colored skin and flesh. Roots short and easily pulled. Popular variety for heavier soils. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 68 Danvers Half Long (Intermediate) Carrot

**SPECIAL**—75 days. Bright orange color, very smooth and tapered to a blunt end. Flesh bright orange, tender and of good quality. Used by home market and shipping gardeners. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 71 Red Cored Chantenay Carrot

70 days. Finest of all. Deep reddish orange color throughout. The yellow ring around inside core has been bred out and sweeter, richer flavor acquired. Otherwise similar to Chantenay. Ideal for home gardens, market and shipping. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 70 Large White Belgian

**FOR STOCK FEED**—90 days. Immense cropper. Store for feed during winter; may be left for pulling as needed in lower South. Drill 4 Lbs. per acre in 3-ft. rows. Thin plants to 6 in. apart. Use rich, cultivated land worked deeply. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. Postpaid.

## 75 CELERIAC—Try It

**Turnip Rooted Celery.** Smooth, globular, 2-3 in. roots, for soups, stews and salads. Store as for beets. Cultivate as for celery, except it requires no hilling up. Pkt., 15c. Postpaid.

## CARROT SEED NOTICE

Following several terrible crop years the carrot seed crop is greatly improved this year, and with its importance as a nutritious, vitamin rich vegetable we urge you to plant your full requirements this spring. Carrots may be harvested over such a long period of time that no garden should be without several rows from which fresh, tender roots may be gathered even until late fall or early winter.



(71) Red Cored Chantenay



(64) Imperator Carrot

## 69 Imp. Long Orange Carrot

88 days. Large, long, 10-12 in. roots of deep rich orange. Heavy cropper for stock feed while quality is good for table. Pkt., 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## Try Celery in Your Garden

Celery Contains Vitamin A.

**CULTURE**—For fall maturity sow in late April or May in shaded beds, covering seed ¼ in. Transplant when 6 in. high. This should mature in cool weather of autumn. Celery needs rich, well-fertilized, moist soil. Plant only in sections protected from extreme winter cold. It brings as much as \$1,500 per acre, an important commercial crop. 1 Oz. sows 400 ft. of row or makes 5,000 plants.

## 78 Easy Blanching Celery

Sanford Superb. 125 days. Rather dwarf, compact, foliage yellowish green. Vigorous thick stalks of excellent quality, blanches more easily than any other and even the first time you grow it, it should equal any celery you could buy. Medium early, one of the best keepers and fine for winter and spring use. Pkt., 15c. ½ Oz., 40c. Oz., 75c. ¼ Lb., \$2.00. Postpaid.

## 79 Giant Pascal Celery

135 days. Large late. Favorite standard variety, preferred by many planters. Pkt., 15c. ½ Oz., 40c. Oz., 75c. Postpaid.

## Fresh Green Cabbage Contains Vitamins A and B1

**CULTURE**—Sow seed in drills 6 inches apart across the bed, dropping the seed 5 to 6 to the inch. Firm the soil after covering and then water the bed thoroughly. Keep beds moist but not soaking wet. Seed germinates in 3 to 8 days, according to weather. Keep young plants growing steadily from the start. When plants have made the fourth pair of leaves transplant to open ground. 1 Oz., of seed usually makes at least 1,000 good strong plants. Sow  $\frac{1}{4}$  to  $\frac{1}{2}$  Lb. for plants to set one acre.

## Early-Hardy Cabbages

### 106 Extra Early Jersey Wakefield (Hardy)

62-66 days from plants. This has always been popular for a first early cabbage in the South. If you are growing Early Wakefield you need Hastings' strain. Exceedingly hardy, resisting cold and other unfavorable conditions. Plants compact, erect, slightly spreading and with few outer leaves that are smooth, thick and dark green. Heads medium sized, solid, uniformly pointed and excellent quality. More sharply pointed, earlier and somewhat smaller than Charleston Wakefield type. Pkt., 10c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. Postpaid.

### 103 Perfection Savoy

(VERY HARDY)

87 days. Best Savoy variety, best and tenderest of all cabbages. As this variety does not head well in hot weather it is advisable to plant in early spring for heading up before weather turns too hot. Pkt., 15c. Oz., 50c. Postpaid. Crop critically short.

### 118 COPENHAGEN MARKET—Superb Strain

66-70 days from plants. Heads exceptionally large for this extra early variety; solid and of excellent quality. Growth vigorous but compact, short stem, upright and with few outer leaves. Heads nearly round, medium light green, thick and smooth. Undoubtedly the best of its type, equally valuable for home and market gardens. Copenhagen Market is easily the best first early, round headed variety on the market. Pkt., 10c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. Postpaid.



(103) Perfection Savoy (Hardy)



(118) Copenhagen Market

### 105 HASTINGS' FAMOUS HARDY LONG ISLAND OR IMPROVED CHARLESTON WAKEFIELD CABBAGE

71-75 days from plants. Largest, earliest and surest heading strain of Charleston Wakefield. It is the best pointed cabbage for shipment and it makes a splendid first early cabbage for home use. Leaves rather large, smooth and thick. Plants are of medium size, vigorous and slightly spreading. Heads are blunt pointed and very wide at base. Its exceptional hardiness, earliness and fine size and shape of head have made it the popular market gardeners' favorite. Pkt., 10c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00. Postpaid.

### 121 All-Head Early

77 days. An early flat-headed variety that is a sure header and is well named on account of its medium sized, very firm solid heads. Pkt., 10c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Postpaid.

### IN 1945 TAKE YOUR VITAMINS IN VEGETABLES

Many doctors are prescribing various forms of Vitamins for a number of ills and pains and they are necessary for best health. But why not have your Vitamins in their natural form — in fresh, delicious vegetables from your own garden? Start today your garden for health and VICTORY!

### 126 Chihili—Chinese Cabbage

75 days from seed. Large outside leaves with a yellowish color; inner leaves well rounded, resembling Cos Lettuce when mature. The heart is white, tender, sweet and delicate in taste. The young leaves are very popular for salad use. Crop very short. Supply limited. Order early. Pkt., 10c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50. Postpaid.

### 100 All Seasons— Old Reliable Header

85-90 days from plants. A reliable header, resisting heat and drought well and valuable for summer planting. The heads are nearly round or somewhat flattened, very solid and of excellent quality. Pkt., 10c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.35. Lb., \$4.50. Postpaid.

### YOUR CABBAGE SEED

Many unfortunate experiences resulted in the South last season from use of cabbage seed produced from the stump roots of commercial crops in the West.

Some say the seed was responsible. Some say the weather was the cause of the trouble. Regardless of what authority is accurate, we know that Hastings' cabbage seed, produced by the old tried and proven method gave excellent results.

The point of this is, to point out to you, that Hastings' cabbage seed is dependable and that we do not take "short cuts" to grow seed of doubtful productivity just because it's cheaper.

Send to Hastings' always to obtain fresh seed, strong, vital and with full crop producing ability.



(105) Long Island Impr. Charleston Wakefield



# CABBAGE IN YOUR VICTORY GARDEN...

*and Release Other Food to Win the Peace*



A Bumper Crop From Hastings' Selected Cabbage Seed

## MAIN CROP CABBAGES

Hastings Cabbage Seed is grown only in the Northwest by the tried and proven methods only. Play Safe!

### 101 HASTINGS' SURE CROP

80 days. Earliest large round flat variety, for home use or shipment. Very firm and solid, uniform in shape, well flattened. Quality is excellent, crisp and tender and is a dependable good header. Color dark green, holding up well after being cut. Good summer variety. Pkt., 10c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.35. Lb., \$4.50. Postpaid.

### 125 STEIN'S EARLY FLAT DUTCH

90 days from plants. This is a splendid strain of Flat Dutch cabbage, just a little earlier than Centennial. A trucker should divide his crop between Steins and Centennial to insure a longer shipping season. Pkt., 10c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.35. Lb., \$4.50. Postpaid.

### 117 Blood Red Erfurt

90 days from plants. This is the best red Cabbage for planting throughout the South. It is of good medium size and a sure heading variety. It is fine for home garden and market use and the rich carmine red color is a decided advantage. Pkt., 15c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00. Postpaid.

### 120 HASTINGS' GENUINE SUREHEAD

95 days. Probably the most popular and most generally planted cabbage in the South. A superb medium-sized hard-headed cabbage of mid-season maturity. Very vigorous grower, uniform in size, shape and color. Pkt., 10c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.35. Lb., \$4.50. Postpaid.

### 111 Danish Bald Head

105 days. Handsome hardy, late cabbage; medium-sized, very hard, globe heads of finest eating and storage qualities. Pkt., 10c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Postpaid.

### 110 Hastings' Centennial Late Flat Dutch

105 days. Beyond question the best large cabbage for winter and spring maturity in the South. Heat and cold resisting and its great vigor makes it a success where others fail. Large, well-flattened type that holds up fine in long distance shipping. Biggest main crop, heavy producing cabbage for home or market. Pkt., 10c. Oz., 45c.  $\frac{1}{4}$  Lb., \$1.35. Lb., \$4.50. Postpaid.

### Get Cabbage from Your Garden All Season for Only 35c—Plant Seed Early

Big 4 finest varieties: Hastings' Famous Long Island Wakefield, Copenhagen Market, Stein's Early Flat Dutch and Hastings' Centennial Late Flat Dutch. These four popular favorites give you an all-season supply—early, medium and late. If any seed is left over from spring planting, it will be fine for fall planting. Be sure to include this "Big 4" collection in your home garden order. The best varieties and the best seeds. Postpaid—only 35c.

### Frost-Proof Cabbage Plants Postpaid

We expect to have these as usual, beginning the new season in December. We will have Large Charleston Wakefield and Early Flat Dutch Cabbage Plants. 100 for 75c. 500 for \$2.50. Postpaid. No cabbage plant shipments accepted for less than 75c. Order early for best results.

For  
Best  
Results  
Order  
Your  
Cabbage  
Seed  
Now  
and  
Plant  
Early



(110) Continental Late Flat Dutch



(125) Stein's Early Flat Dutch

We challenge you to try Spring

## RAPEGREENS

Have You Tried Them?



(400)  
Hastings'  
Rapegreens

### 136 Genuine Georgia Cabbage-Collards

Not to be confused with run out seed frequently offered on a cheap basis. Ours is the true original strain.

Hastings' Introduction, originated right here in Georgia. A cross between Collards and Charleston Wakefield Cabbage. The loose heads are not as large as many cabbage, but many are real heads that can be left on the plant and used as wanted. Leaves of delicious flavor. Pkt., 15c. Crop very short. Send early.

Sow seed any time in early spring. Thin or transplant to open after hard freeze danger has passed. Cultivate same as Cabbage. Harvest tender leaves as desired. 1 Oz. plants 200 feet of row.



(57) Green Sprouting Broccoli, 10c

lard grows easily and makes a good substitute. Pkt., 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 75c. Postpaid.

### BROCCOLI

Contains Vitamins A and B1.

Give culture as for Cauliflower, and in the South, unless an expert Cauliflower grower, Broccoli makes a surer bearer for you, and is rapidly growing in favor both for the home table and for market. In many markets it is displacing Cauliflower, being a bright blue green raw, but cooking to a deep attractive green for the table.

### 57 Green Sprouting Broccoli

60 days from plants. Well suited to almost any soil where cabbage can be grown, Sprouting Broccoli is far more easily grown than Cauliflower and even superior in food value and flavor. To those who like to grow new and interesting vegetables we surely suggest a trial of Sprouting Broccoli. Italian, all season variety. Head is a compact cluster of bluish-green flower buds, used unblanched. After central head is cut, branches with smaller heads form. Quality is fully equal to Cauliflower. Pkt., 10c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. Postpaid.

Collards Contain  
Vitamins A, and B1

(136) Hastings'  
Cabbage Collard →

### CAULIFLOWER

Contains Vitamins A and B1.

CULTURE—Sow in seed bed same as cabbage. Transplant when 3 to 4 in. high; give plenty of water in dry weather. Should be planted to head in cool weather as they will not head properly in hot weather. 1 Oz. of seed should make 3,000 good plants. Set plants about 18 in. apart in row.

### 86 Early Snowball

55 days from plants. Probably the finest early for home or market use. Plants dwarf, short, pale green leaves. Heads medium, firm, compact, solid, pure white, of finest quality. Pkt., 25c. 1/4 Oz., 75c. 1/2 Oz., \$1.40. Oz., \$2.50.

### 59 Improved Dwarf Brussels Sprouts

Contains Vitamins A and B1.

Brussels Sprouts are grown the same as other cabbage-like crops, and consists of little miniature cabbages up and down the stems at the leaf joints. Matures in 125 days. Pkt., 15c. Oz., 75c. 1/4 Lb., \$2.00. Lb., \$7.00.





# Scarcities Ahead in 1945 ... Grow Your Own **CORN**

← (150) Trucker's Favorite  
Best Roasting Ear Corn

## 150 TRUCKERS' FAVORITE

The Great Garden Corn for You to Plant. 85 days. Makes the finest roasting-ears in 75 to 85 days. 100 days to maturity. One to two beautiful, perfectly formed 8-inch ears per stalk; white, deep grains, sweet and exceptionally tender. Valuable to plant very early or very late. Truckers' favorite roasting ears bring the highest prices of all. The best home, market and shipping variety.  $\frac{1}{4}$  Lb., 12c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00. 10 Lbs., \$1.80. Postpaid.

White Corn Contains Vitamin B1  
Yellow Corn Contains  
Vitamins A and B1

## 143 Hastings' Yellow Prolific

100 days. The superb new yellow Hastings' Prolific that has been the sensation of Southern field seed circles for the past several years. Makes richly delicious roasting ears.  $\frac{1}{4}$  Lb., 15c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00. Postpaid. See p. 41 for further description.

## 140 Hastings' Prolific

100 days. This greatest yielding Corn in the world of course makes wonderful hard corn, delicious corn-meal, and the most silage or fodder, but it is a main crop for roasting ears all over the South.  $\frac{1}{4}$  Lb., 12c. Lb., 30c. 2 Lbs., 50c. 5 Lbs., 85c. Postpaid. See full description of this and other field corn on Pages 40-42.

**CULTURE**—Make rows 3 ft. apart, dropping 5 to 6 grains in each hill, thinning out afterwards to 2 or 3 stalks to the hill. A continuous supply is kept up by planting early and late varieties at one time, or by making several plantings at intervals of 14 days. Plant sweet corn only for first crop. Pound plants 200 hills; use 14 Lbs., (1 peck) per acre.

## 165 Golden Cross Bantam

84 days. (Sweet corn.) A true hybrid cross sweet corn with the greatly increased vitality of this new method of breeding. Golden grains sweet, tender and delicious. Very uniform.  $\frac{1}{4}$  Lb., 15c. Lb., 50c. 2 Lbs., 90c. Postpaid.

## 154 Adams Large Early

90 days. Very hardy and can be planted early. Has small stalk and can be planted close. More valuable for market than for home gardens as it lacks the flavor of sweet varieties. Give best cultivation and very rich soil.  $\frac{1}{4}$  Lb., 12c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00. 10 Lbs., \$1.80. Postpaid.

## 163 DYNAMITE POPCORN

Positively the Best for Popping.

South American variety which pops enormous golden kernels double the size of others. Rich, buttery color and flavor; no hard centers. Usually 2 ears 6-7 in. long, 12-14 rows per stalk.  $\frac{1}{4}$  Lb., 15c. Lb., 40c. 2 Lbs., 75c. 5 Lbs., \$1.50. 10 Lbs., \$2.75. Postpaid.

## 164 OLDEN GRAIN HYBRID

1945 All-America Winner. Sensational non-suckering golden grained hybrid sweet corn with Bantam sweetness and flavor. Produces two medium ears up above ground as a protection against some insect damage. (See photo on p. 3.) Packets only. 25c each.

## 167 Golden Bantam Improved

84 days. (Sweet corn.) Two 6-inch ears with 10-14 rows of grain per stalk. Sweetest of all and remains tender longer than regular Golden Bantam.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.

## 152 COUNTRY GENTLEMAN

93 days. (Sweet corn.) Finest quality mid-season variety and no garden should be without a few rows. Just boil and spread on a little butter. It will make your mouth water. Makes 2 to 3, 7-7½ in. ears per stalk on rich ground. Shoe-peg grains are very deep. Delicious.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.

## 153 Stowells Evergreen

95 days. Standard main crop variety. Ears uniform, 8-9½ in. long, 16-20 rowed, 2½ in. thick. Good cultivation produces three ears to stalk. Stalks large and strong, grains long and deep; cob small. Holds good eating condition longer than any other and adapted to the South.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.

## 155 Hastings' Early Market

75 days. Our roasting-ear corn for earliest planting on rich or highly fertilized land. Called a 50-day corn, making roasting ears 10 to 14 days quicker than Trucker's Favorite. 5 to 8 ft. high.  $\frac{1}{4}$  Lb., 12c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00. 10 Lbs., \$1.80. Postpaid.

## 168 Evergreen Golden Bantam

89 days. (Sweet corn.) Lighter in color than Golden Bantam but holds its delicious flavor and adds the larger and better ears of Stowells evergreen. Ears are 7-8 in. long, 14-18 rowed, deep golden grains with tender hulls of excellent quality. We believe it is the finest sweet corn offered.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.

## 151 Yexo Sugar— Earliest Large Sweet Corn

88 days. (Sweet corn.) Our own introduction. Combines earliness and productiveness with fine flavor. Produces 2 to 3 7½-8½ in. 12-14 rowed ears to each stalk, the ears being well filled with tender, sweet corn.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.75. Postpaid.



(165) Golden Cross Bantam

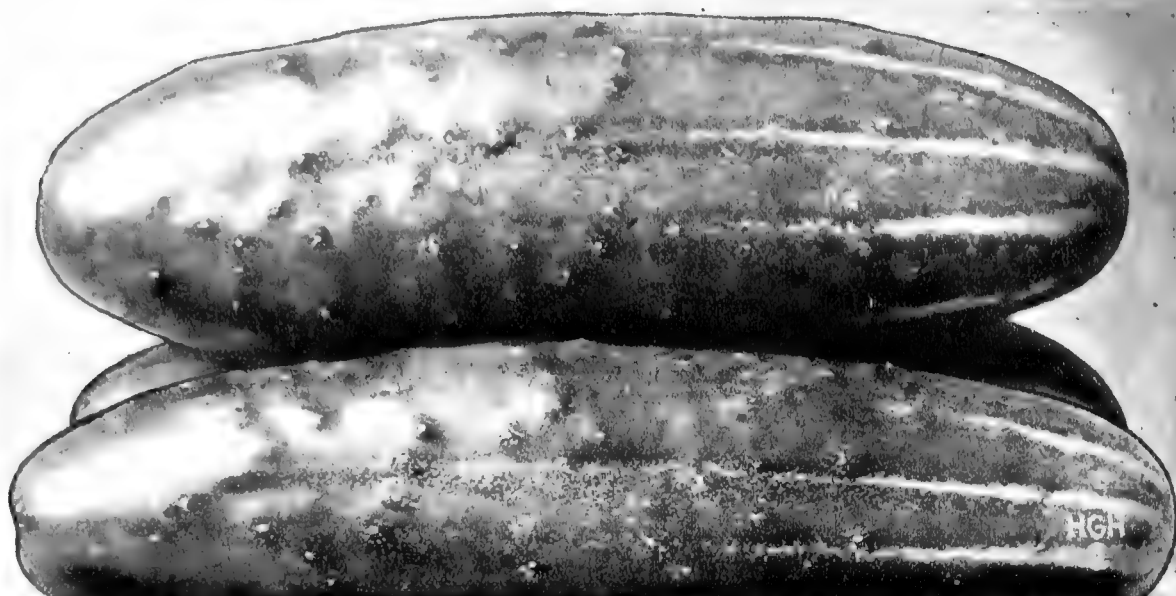


# CUCUMBERS... *Grow them in your own garden for Salads or Pickles*

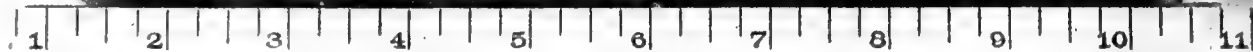
Cucumbers Contain Vitamins A and B1

## CUCUMBER CULTURE

Delay planting until ground is warm. Make hills 4 ft. apart each way. Plant 8 to 10 seeds per hill, thinning out to 4 plants when rough leaves appear. Cover seed 1 inch in sandy soil,  $\frac{1}{2}$  inch in heavy or clay soils. Cultivate until plants begin to run. Keep cleanly picked for longer bearing season.



(177) Clark's Special Cucumbers Are Dark Green



### 177 CLARK'S SPECIAL

**NEW DARK GREEN MARKET VARIETY**  
60 days. White Spine. This new variety was selected as probably the finest dark green, white spine Cucumber to date and good for all purposes. Main crop variety, holding its color and firmness in distance shipping and on account of its small seed pocket is excellent for slicing. Its quality is excellent. Attractive deep green, uniform in length. 8 to 10 in., very smooth in appearance and with few white spines. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. Postpaid.

### 178 Early Green Cluster

54 days. Black Spine. A standard well-known variety for both slicing and pickling. Very prolific, uniform size, smooth skin and one of the very earliest of all varieties to grow in the garden. Pkt., 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.75. Postpaid.

### 174 Lemon Cucumber

65 days. Most pleasing and easily grown novelty. Delicious lemon shaped and colored cucumber of finest flavor. It is largely used for pickling. For home garden growth only. Pkt., only 15c. Postpaid. Supply very limited.

### 181 Improved Long Green

70 days. Black Spine. A standard for slicing or pickling. Extremely prolific, medium late, very hardy and most disease-resistant variety. Ends taper slightly and it is slightly warted. Small pickles are well shaped and in slicing stage very attractive, crisp, tender and free from bitterness. Very long, large fruits when mature. Pkt., 10c. Oz., 30c.  $\frac{1}{4}$  Lb., 85c. Lb., \$2.75.

### 183 Chicago Pickle Cucumber

58 days. Black Spine. The standard variety grown for pickling purposes. While it can be used for slicing it is pre-eminently a pickling variety. Its small size, dark green color and enormous productiveness, makes it a favorite for that purpose. The pickling factories usually insist on this type. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. Postpaid.

### 186 EVERBEARING PROLIFIC CUCUMBERS

54 days. White Spine. Entirely distinct on account of its close bushy growth and ever-bearing character. The first cucumbers come early and vines continue to bloom and produce until late in the season. A single vine will show at one time cucumbers in every age of growth. Of perfect shape, small sizes are fine for pickling, the larger ones for slicing. A most popular home garden and pickle variety. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. Postpaid.

←  
(187) Gherkins for Pickling; 2 Bushels from 15 Vines—1 Picking

### 187 Gherkins for Pickling

60 days. Small fruits covered with spines. For pickling only. The most prolific of all cucumber type plants. Unlike ordinary cucumbers, but even superior for small bottle pickles. Pkt., 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Postpaid.



# Hastings' Cucumbers Are Best for Garden or Market

(180) Hastings' White Spine Is Superb

## 180 Hastings' Famous White Spine Cucumbers

*Our Finest Extra Dark Green Strain*

62 days. It is good for shipping, good for nearby markets, good for home use, good for pickles when picked small. It holds its intense green color better and stays in good eating condition longer than the others. Fruits or "cukes" are symmetrical and uniform in shape, handsome appearance. When full grown is 8 to 9 by 2½ inches. Ready for use in about 58 days. It is an extra early sort, crisp and tender, holding its fresh dark green appearance long after being gathered. In our opinion, based on 50 years of experience, this is the best all-purpose cucumber you can plant. Special selected seed. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 175 Early Fortune

62 days. White Spine. A favorite shipping variety grown by many Florida cucumber growers. Of dark green color which it holds for many days after picking. Of very regular form and growth, tapering shape and carries a dark green color found in few of the white spine varieties. Holds up splendidly in long distance shipments. Also good for nearby market use. Pkt., 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.75. Postpaid.

## 1945 Cucumber Prospects

Rather unfavorable weather in seed growing sections last summer cut the crop short and as a consequence it is recommended that you purchase your requirements earlier than usual this spring to avoid disappointment.

## 176 Stays Green—and It Does

58 days. White Spine. Really a good variety. Medium sized, glossy dark green, white spine cucumber; 7 to 8 inches long, cylinder shaped variety. Is popular with shippers and a good home garden sort because it retains its fine color a very long time. Young fruit is well adapted for pickling and mature fruit is remarkably well adapted in shape and size for packing and shipment. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 184 New Cubit

1944 All-America Winner

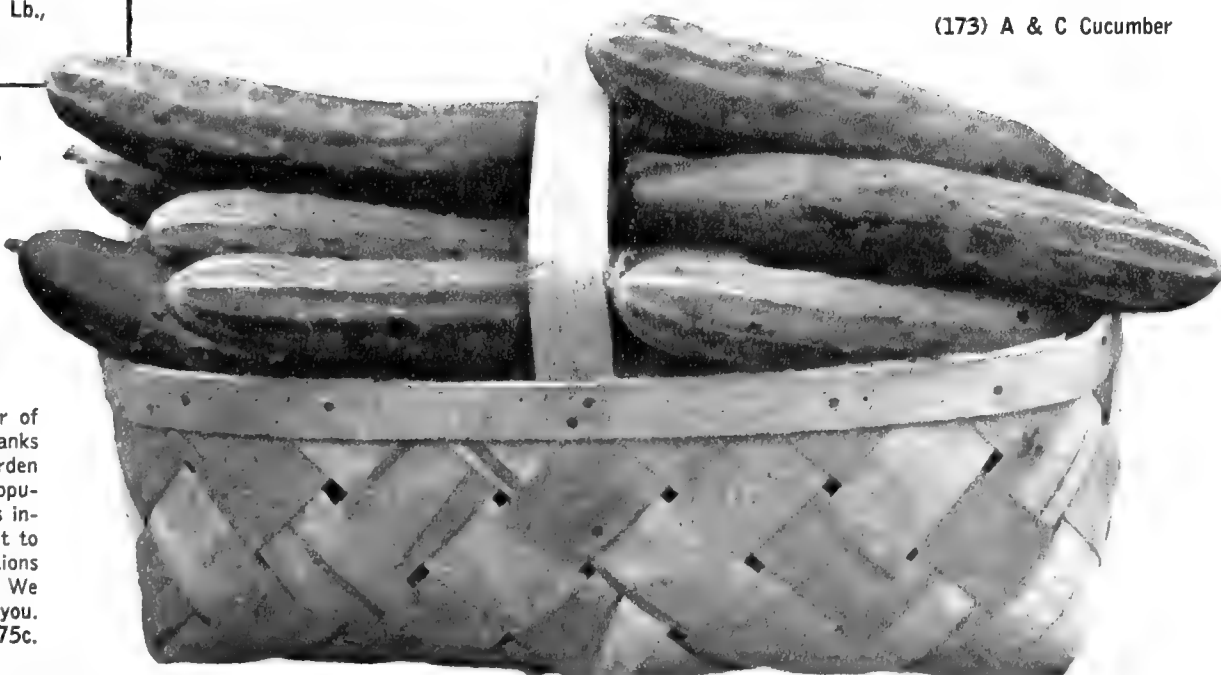
Deserved winner by its deep, rich green color and prolific bearing habits, we recommend this fine 9-inch white spine cucumber to all Southern gardeners. Packets, only 15c. Oz., 45c.

## 182 Straight 8—Packs Perfectly

62 days. White Spine. 1935 All-America Gold Medal. Symmetrical, almost cylindrical new variety. Rounded at ends, ideal in dark green coloring without lighter stripes found in most sorts. Uniformly eight inches by two at ideal stage. Too seldom are new worthy cucumbers brought on the market and when such a variety as this one is introduced it naturally attracts a great deal of attention. Straight 8 was bred particularly for particular markets and is well worth its All-America recognition. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. Postpaid.

## 173 A & C Cucumber —Market Profits

63 days. White Spine. Vigorous grower, resistant to disease and making an abundance of deep green, uniformly slender cukes of even diameter. 9 to 10 inches long. Since its introduction several years ago A and C Cucumber has become one of the most popular of all shipping varieties and, too, it ranks at the top as a superb home garden sort for slicing or pickling. This popularity is possible only because of its inherent good breeding that enables it to stand up even under trying conditions when other stocks "break down." We certainly recommend A and C to you. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. Postpaid.



(173) A & C Cucumber

# Hastings' Everbearing EGGPLANTS

SEED SUPPLIES VERY LIMITED

**CULTURE**—In the lower South seed should be sown in hot beds or frames in January or February. In the latitude of Atlanta hot beds should be started between February 15th and March 15th. Care should be taken as eggplant will not germinate freely in an average temperature less than 65 degrees. When plants have made the fourth or fifth pair of leaves, 4 to 6 weeks old, they may be set in open ground, if danger of frost is past, placing them 2 feet apart each way. Cultivate often. In Florida, sow June-July for fall and early winter shipping crop. Packet makes plants for 100 ft. row. Oz. makes about 2,000 plants. Use  $\frac{1}{4}$  to  $\frac{1}{2}$  Lb. seed per acre.



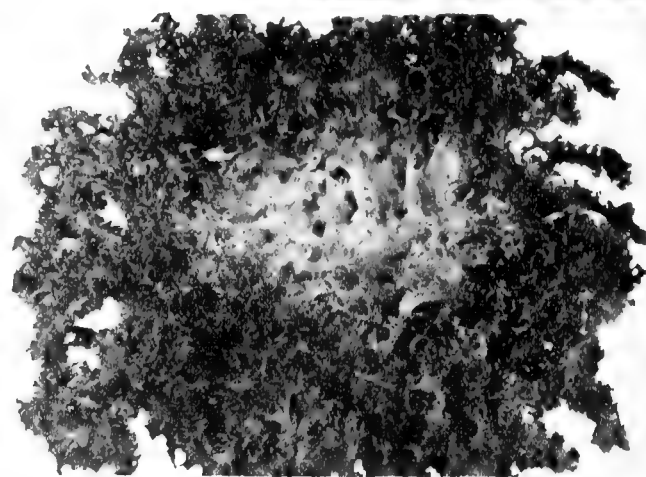
(190) Improved Thornless Eggplant

## 190 Hastings' Improved Purple Thornless Eggplant

83 days from plants. Standard of the South, for home use or shipments. Fruits are splendidly and evenly colored. In no crop do we exercise more care than with this variety. Plants, 28-32 in. tall, are strong, vigorous growers, producing 4 to 8 fruits of dark, rich purple color. Extra fine, large fruited and always gives satisfaction under proper cultivation. Pkt., 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.00. Postpaid. Crop very short.



(189) Fort Myers  
Market Eggplant



(193) Early Green Curled Endive

## 1870 New Extra Early New Hampshire Hybrid Eggplant

73 days from plants. 1939 All-America Winner. Superb new extra early, vigorous, and prolific variety for home gardens and market. Plants rather small with heavy crops of medium size, rather blocky, highly marketable fruit. Try it sure for home and market use. Pkt., 15c.  $\frac{1}{2}$  Oz., 50c. Oz., 90c.  $\frac{1}{4}$  Lb., \$2.75. Postpaid.

## 189 Fort Myers Market

78 days from plants. Superb for shipping this high bush eggplant is extra well suited to the soils and climate of the lower South. It is very good for the home garden, too. Stands heat. Pkt., 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.  $\frac{1}{4}$  Lb., \$2.50.

## 188 Florida Special Eggplant

78 days from plants. Earliest high-bush type, 26-32 in. tall. Very prolific, a fine shipper and seems to stand heat better than others. Especially adapted to Florida conditions. Pkt., 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.  $\frac{1}{4}$  Lb., \$2.50.

## 191 Black Beauty Eggplant

81 days from plants. Plants early, 24-30 in. high, producing 4 to 5 large egg-shaped fruits. Fruits are smooth, very dark purple and hold well after picking. Pkt., 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.00. Postpaid.

## NOW 55 YEARS OF HONEST SEED SERVICE

This means knowing the quality of each stock of seed from its original breeding through to the packaging it for sale to you. It means the careful guarding of this quality and maintaining its vitality through intelligent storage and handling. This can only be done by trained and competent Seedsmen. Hastings have been such Seedsmen now for over fifty years and from them you know you get the best. Why gamble otherwise on your year's work? Buy FRESH Seed—Order DIRECT from Hastings.

## 132 Upland Cress

Rapid growing green vegetable to supply healthful vitamins. Serve fresh in salads, whole or chopped, by itself or mixed with the salad vegetables. Pkt., 10c. Short crop.

## 195 Mixed Useful Gourds

Ornamental Gourds are on Page 59. A grand mixture of all the popular type useful gourds all from one package for economy. Grow them this way for all useful gourd purposes. Pkt., 10c. Oz., 35c.

## ENDIVE

Plant seed in early spring or fall in shallow drills, 18 in. apart, and thin plants to a foot apart. Oz. plants 100 ft.

## 193 EARLY GREEN CURLED ENDIVE

95 days. Our strain is hardy, vigorous growing, bright deep green, finely divided leaves which blanch readily to a rich cream color. Highly recommended for home garden and market. Pkt., 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.25. Postpaid.

## 192 Escarole, Broad Leaved Batavian

Very rich in Vitamin A.

90-95 days. Wide, twisted bright deep green leaves with thick, nearly white midribs. The inside leaves blanch to an attractive deep creamy white. Pkt., 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. Postpaid.

## 130 Chives—Onion Like

Small perennial of the onion family with more delicate flavor, used for flavoring and garnishing. Cut tops and they grow out again. Pkt., 25c. Postpaid. Crop very short.



# KALE GROWS ALL YEAR AROUND IN YOUR GARDEN

(Contains Vitamins A and B1.)

Kale or Borecole leaves are boiled for greens, usually with bacon, the same as Turnips, Mustard and Spinach. Leaves of the curled Scotch variety are also used for garnishing. Spring, fall and winter crops are all popular.

## 200 Green Curled Scotch

55 days. Wide spreading, finely curled, rich greenish, plume-like leaves. Hardy, ornamental, handsome, uniform strain for greens and garnishing. Favorite dwarf type everywhere. Packet, 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$2.00. Postpaid.

Sow in fall or early spring, broadcast or in rows. Quality is really improved by light frosts. For large plants, thin plants to 2 feet apart in rows. Oz. plants 200 ft. row, 4 Lbs. per acre.

## 199 Blue Siberian Kale

65 days. Vigorous spreading growth, 20-30 in. tall. Large green leaves have a distinctive bluish tinge, smooth in the middles but with cut and lightly fluted edges. Extremely hardy, extensively grown. Pkt., 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$2.00. Postpaid.



(202) Early Vienna Kohl-Rabi

## Fresh KOHL-RABI

Contains Vitamin B1.

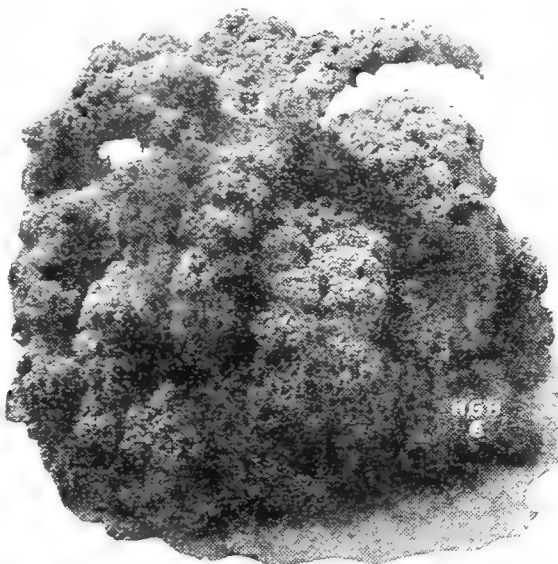
The edible part is the bulb, formed above ground. Use before fully grown; cabbage turnip flavor. Sow seed preferably in light, rich soil, early in spring in rows 1 1/2 feet apart, and thin to 4-6 in. apart.

Even better started in beds and transplanting as cabbage. Planting at 10-day intervals will give tender bulbs until hot weather. Start fall plantings about August. Oz. plants 200 ft. row, 4 Lbs. per acre. 1/2 Lb. makes plants for acre.

## 202 Early White Vienna

55-60 days from seed. Finest variety, extremely early, with distinctly small tops; whitish green, 2-inch bulbs when of best eating quality. Gather bulbs while skin is tender, slice, and cut off the hard lower portion. A very delectable and unusual addition to the spring planting list. Early White Vienna Kohl Rabi matures very quickly and gives an abundant yield.

Fleshy root crops are Southern Garden favorites and this delicious vegetable of cabbage-like flavor is another grand one to vary the selection from our gardens. Mild, delicate and delicious. Pkt., 15c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00.



Kale or Borecole for Delicious Greens

## MODERN VITAMINS IN YOUR MODERN GARDEN

Vitamins have always been most important factors in the proper health and growth of our families even though of relatively recent discovery as to existence, functions and benefits to us. You naturally plan your meals to include these vital elements and from the proven fact that freshly gathered vegetables have larger proportions of vitamins than canned or stale market ones we cannot urge you too strongly to grow them abundantly in your own garden.

## Onion-Like LEEKS

Hardy, onion-like plant with a long, well-thickened neck. Cultivate as for onions except blanch the stems to increase tenderness and fine flavor. Sow in early spring in drills 1 1/2 feet apart, covering seed 1/2 inch. Thin to 6 in. apart and draw soil about plants when cultivating. For very white blanched Leeks, transplant when 6 in. high, setting plants 4 in. apart in trenches 2 ft. apart and gradually draw earth up as for blanching Celery. Oz. plants 200 ft. row; 4 Lbs. per acre.

## 203 Large Carentan Leek

In rich soil, well earthed up, the edible portion is 6-8 in. long by 2-3 in. thick. The largest variety, an exceptionally hardy garden sort that gives a very appetizing addition to the year round planting. Although similar in flavor to onions it is distinct as a variation for those who relish vegetables of this nature. Large Carentan is the best variety for home gardens and is profitable for market purposes. Packets, 15c. Oz., 50c. 1/4 Lb., \$2.00.

# GROW YOUR OWN AROMATIC, MEDICINAL, POT HERBS

All herbs in very limited supply. Order early

Add Delicious Flavors to Your Home Meals

980 ANISE—55 days. Aromatic seeds used as a condiment. Leaves finely fringed, used in garnishing and flavoring, in cordials and medicinally for colic and nausea. Pkt., 15c.

982 BASIL, SWEET—Seeds and stems have strong flavor; used in soups and sauces. HA., 2 ft. Packet 15c. 2 Pks., 25c.

984 CARAWAY—Produces aromatic seeds the second year to flavor bread, cakes, etc. Leaves flavor soups and liquors. Biennial, 20 in. tall. Packet, 15c. 2 Pkts. 25c.

987 DILL—Seeds strongly aromatic with pungent flavor, for flavoring pickles and for seasoning. Chief use is for Dill Pickles. Packet, 10c. Oz., 35c.

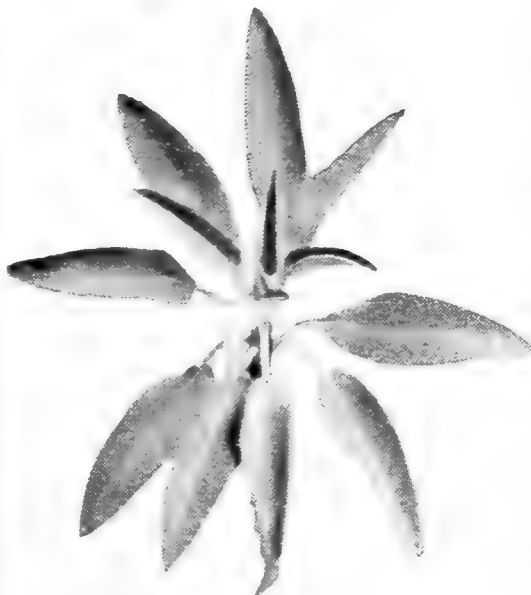
992 FENNEL, SWEET — 60 days. Hardy perennial aromatic herb. Seeds have pleasant taste; used in confectionery and medical preparations. Young shoots are eaten raw and used in soups, salads and fish sauces. Branching plant, 3 feet high; thread-like foliage; yellow flowers in large, loose umbels. May be treated as an annual. Packet, 15c. 2 Pks., 25c.

986 CORIANDER—50 days. Agreeable tasting seeds used in confectionary and to disguise taste of medicines. Hardy annual, 18-24 in. tall. Packet, 15c. 2 Pkts., 25c.

995 SUMMER SAVORY — 60 days.. Dried leaves, stems and flowers used for flavoring soups and dressings. Hardy aromatic annual. 10-12 in. tall. Pkt., 15c. 2 Pks., 25c.

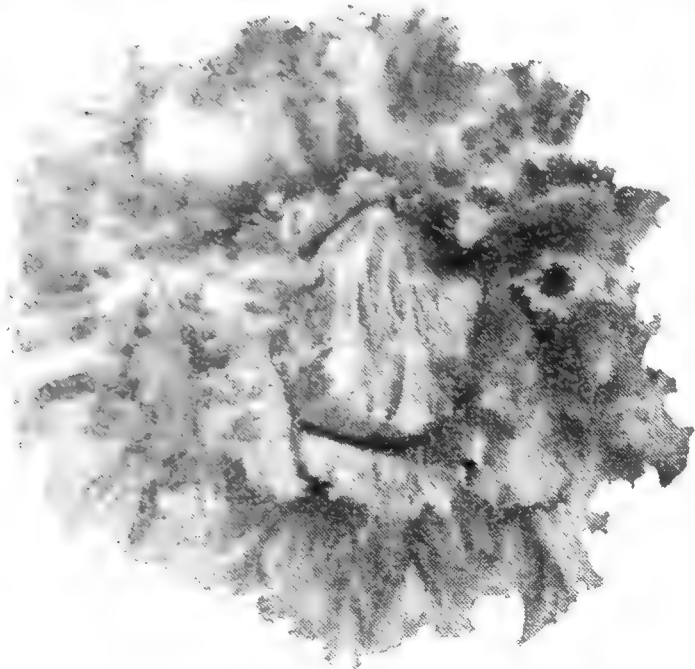
## HASTINGS' HARDY SAGE

994 SAGE—Most popular garden herb; used in flavoring or seasoning. Adds most delicious flavor to sausage and other meats. Makes meal preparation a very learned art in keeping our foods more and more enticing and enjoyable—real family treats. Cut leaves as plant blooms; dry quickly in shade. Hardy perennial; may be divided for even better crop the second year. 12-18 in. tall. Pkt., 20c. 2 Pkts., 35c. Oz., \$1.25.



(994) Hastings' Giant Sage, 20c

# GATHER NUTRITIOUS SALADS FROM YOUR GARDEN



(213) Great Lakes—Beats Hot Weather

## 221 GENUINE KENTUCKY BIBB LETTUCE

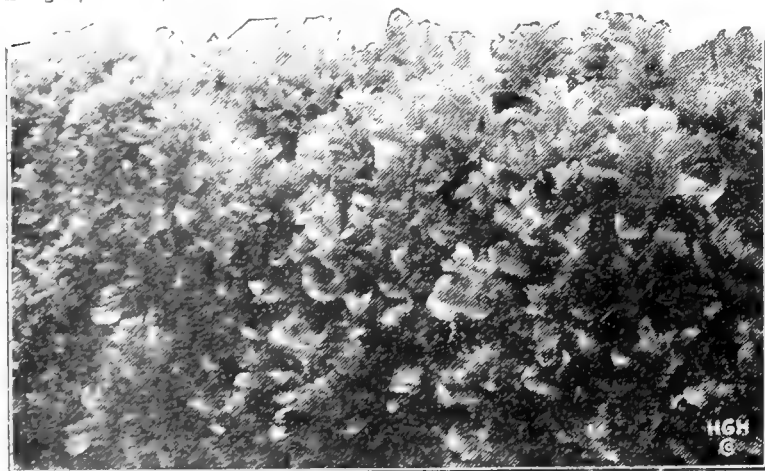
65 days. A very distinct variety of lettuce that has long been the favorite for salads in Kentucky where it originated. It possesses a crispness and flavor all its own and once grown you'll never again be without it. The heads are very small, somewhat loose in form, with outer leaves a deep, glossy green, rich in vitamins, while the interior blanches to a rich yellowish green, tender and delicious. Bibb lettuce grows the same as other varieties except that plants are set only 6 inches apart, because of their small size. Start seed early to transplant very early in spring to head before real hot weather. Can also be planted in late August, in most sections, for a fall crop. Supply limited. Pkt., 15c. Oz., 50c.

## 210 BIG BOSTON — BEST BUTTERHEAD

BUTTER HEAD TYPE—75 days. Ours is excellence in this variety. The heads are so firm and solid that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Large, round, firm heading variety, and makes a good appearance in market. Leaves smooth, glossy, wavy and tinged bronze at edges. They fold tightly and form a creamy yellow heart. Our seed of Big Boston is the surest and hardest heading stock. Packet, 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$2.10. Postpaid.

## 224 CELTUCE, THE NEW NOVELTY

stem or stalk which can be boiled or creamed for a delicious dish. A very distinct lettuce having a very heavy thick and succulent. Large packets, 25c.



(208) Hastings' Chicken Lettuce—Largest Growth of All

## 212 IMPERIAL 847 BEATS THE HEAT

A most satisfactory new strain of lettuce developed to withstand warmer weather than ordinary strains. It is resistant to brown blight, has a hard head of fine quality and matures relatively early, insuring favorable market attention. The best new lettuce for southern planting—for home garden or market. Black seed. Pkt., 10c. Oz., 30c. 1/4 Lb., 90c. Lb., \$3.25. Postpaid. Supply very limited.

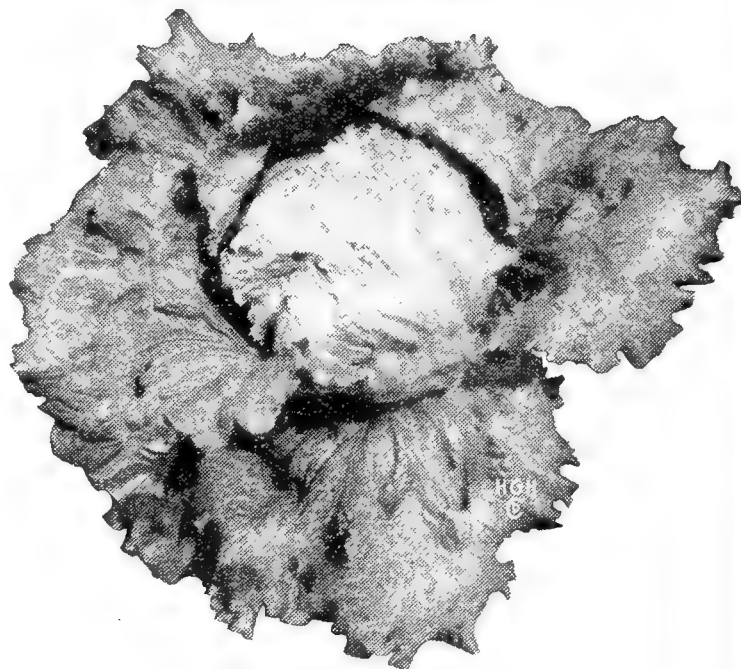
## 213 GREAT LAKES LETTUCE

CRISP LEAF TYPE—75 DAYS.

1944 All-America Winner. Only once in a generation does a really outstanding new vegetable for the garden come to the forefront as quickly and as successfully as this fine, new crisp leafed, solid headed lettuce.

Particularly for the South is it most interesting. It holds into hot weather longer than any other variety tested and retains its crisp, tender, richly green, iceberg flavor to delight the most fastidious, and to make delicious salad bowls and other light summer dishes that both keep you cool and well supplied with Vitamins A and B1. Plant Great Lakes Lettuce in your garden this year and we believe you will plant it again and again. Pkt., 25c. Supply limited.

## MAKES COOLING SUMMER MEALS TO GRACE ANYONE'S TABLE



(212) Hastings' New Imperial 847—Stands Warm Weather.

## 222 Improved Hanson—Crisp Leaf

CRISP LEAF TYPE — 80 days. Large, compact head; outer leaves bright green, broad, somewhat crumpled and frilled at edges. Inner leaves white, crisp, thin and sweet. Fine garden lettuce, very closely resembling Iceberg and equally desirable. Packet, 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$2.10. Postpaid. Short supply.

## 208 CHICKEN LETTUCE FOR GREENS

For Poultry, Rabbits and Greens for Live Stock.

LOOSE LEAF BUTTER TYPE—See the picture of this medium green, curly leaf, cutting lettuce. It is called "White Early for Picking" in Europe, where it originated. It produces the largest mass of leaves of any known variety; is non-heading, has a spreading habit, and is the largest plant of lettuce in cultivation at maturity. Cut-and-come-again type for regular cutting of valuable greens—the more you cut the more it grows. Eating quality is lacking. Packet, 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.60. Postpaid.

## THERE ARE MORE VITAMINS IN LETTUCE FRESH FROM YOUR GARDEN

Green Lettuce contains Vitamins A and B1 and other health-giving elements and is about the easiest grown garden vegetable. It is an everyday vegetable to put on the table.

**CULTURE**—Sow in rich, well prepared soil, as soon as cold winter is past, or start in beds or frames for transplanting in early spring 6 to 12 in. apart, in rows 15 to 18 in. apart. Cover seed  $\frac{1}{2}$  in. in beds or outdoors. Seed germinates quickly and growth

is best in cool weather. Good heads depend on good seed, keeping a steady growth with fertilization, moisture and cultivation. Light feeding, as with nitrate of soda, after plants have some size, is beneficial. Plants must be kept growing steadily if you want them to head. Loose-leaf types may be thinned and used as they become crowded. Oz. plants 200 ft. row; use 3 Lbs. per acre or 1 Lb. for transplanting. Days given are average from seed to market size.

### THESE ARE TWO OF THE BEST

#### 211 HASTINGS' NEW DRUMHEAD LETTUCE

**CRISP LEAF TYPE**—75 days. No variety has had a steadier sale. Good for home gardens and ideal for market. Our newest superb strain stands heat better, adapted to mid-season heading; is earlier, with fewer outer leaves, lighter green and more attractive than any other strain. It is always large, with outer leaves a clear, light green color; inside of head almost pure white. Leaves are large, extra crisp, tender and entirely free from bitter taste.

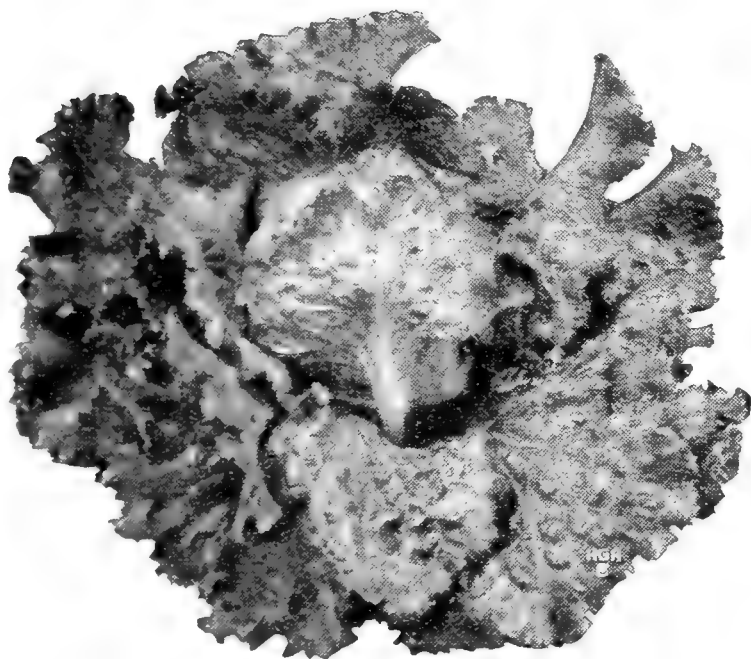
The most popular lettuce grown in America. Generally sold as Iceberg on the market. Pkt., 10c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.25. Postpaid.

#### 216 GENUINE ICEBERG

**CRISP LEAF TYPE**—82 days. Genuine Iceberg—For forcing, home gardens and truckers serving local markets. Beautiful as well as finest eating Lettuce, quite different from the big shipping variety, Hastings' Drumhead, which is usually called Iceberg in the stores. Genuine Iceberg is exceedingly crisp and tender, growing a long time before running to seed. Known as the crisp-leaved hard-header. Splendid for open ground planting or forcing. This is a large, full-season favorite with crisp and wavy, fringed, light green leaves, bronzy tinged at edges. Outer leaves are crinkled and grow closely up around the head. Heads are compact, crumpled, very sweet, tightly folding to blanch inside a beautiful white. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.10. Postpaid. Supply very limited.



(211) Hastings' Drumhead Lettuce



(216) Hastings' Iceberg—Most Popular Garden Lettuce

#### 219 Prize Head—Loose Leaf Lettuce

**LOOSE LEAF TYPE**—Very early, fast growing, medium large plant with broad, crumpled and frilled leaves. Very crisp, sweet and tender. Outside leaves tinged red, inside leaves green. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.10. Postpaid.

#### 223 Black Seeded Simpson

**LOOSE LEAF TYPE**—Early, widely grown and popular early variety. Large, handsome, compact plant with wide, frilled light green leaves of splendid quality and crisp texture. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.10. Postpaid.

#### 217 WHITE PARIS COS LETTUCE

Romaine, the Celery Lettuce, so-called because of its erect growth. Best in cool weather, thinned to 8 in. apart in rows. Outside leaves dark green, inside much lighter and blanch to white with slight greenish tint. Crisp, tender, self-folding leaves, succulent and sweet, with delicate flavor. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Postpaid. Supply very limited.

#### 215 New Imperial 44 Lettuce

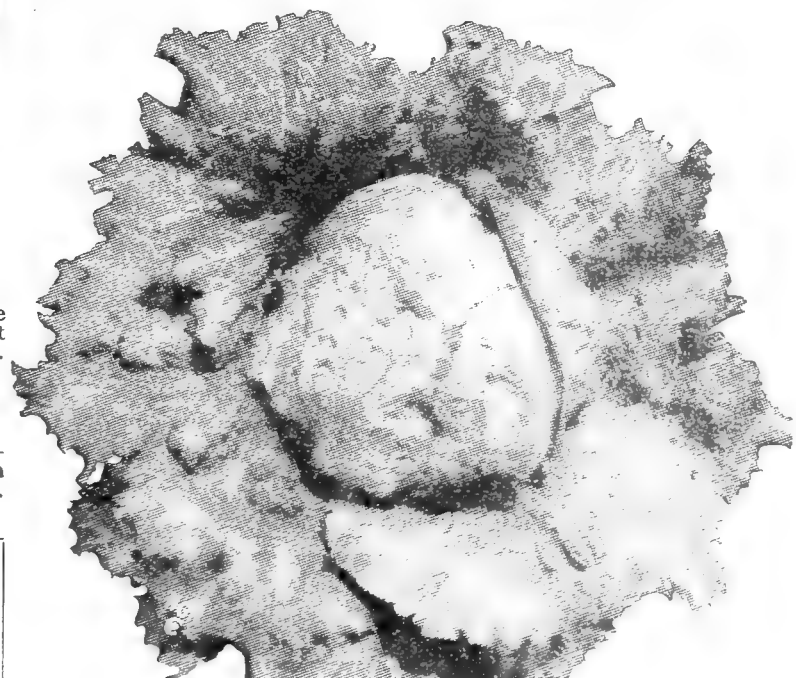
80 days. Crisp leaf type. One of the newest and finest strains of the iceberg or crisp types of lettuce and particularly well suited to the heat of our Southern climate. Imperial 44 is a dependable header for markets and is a superb new home garden variety that we recommend to you without reservation. Pkt., 10c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.25. Supply very limited.

#### 209 Mignonette—the Baby Lettuce

**CRISP LEAF TYPE**—65 days. A delightful first early, delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture farther North. Pkt., 10c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00.

#### 214 Grand Rapids

**LOOSE LEAF TYPE**—Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large savoyed or crimped leaves. Very attractive for garnishing and leaves hold up after cutting. Pkt., 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.10.



(215) New Imperial 44 Lettuce



# GROW YOUR OWN 1945 MELONS!

## 237 ROCKYFORD

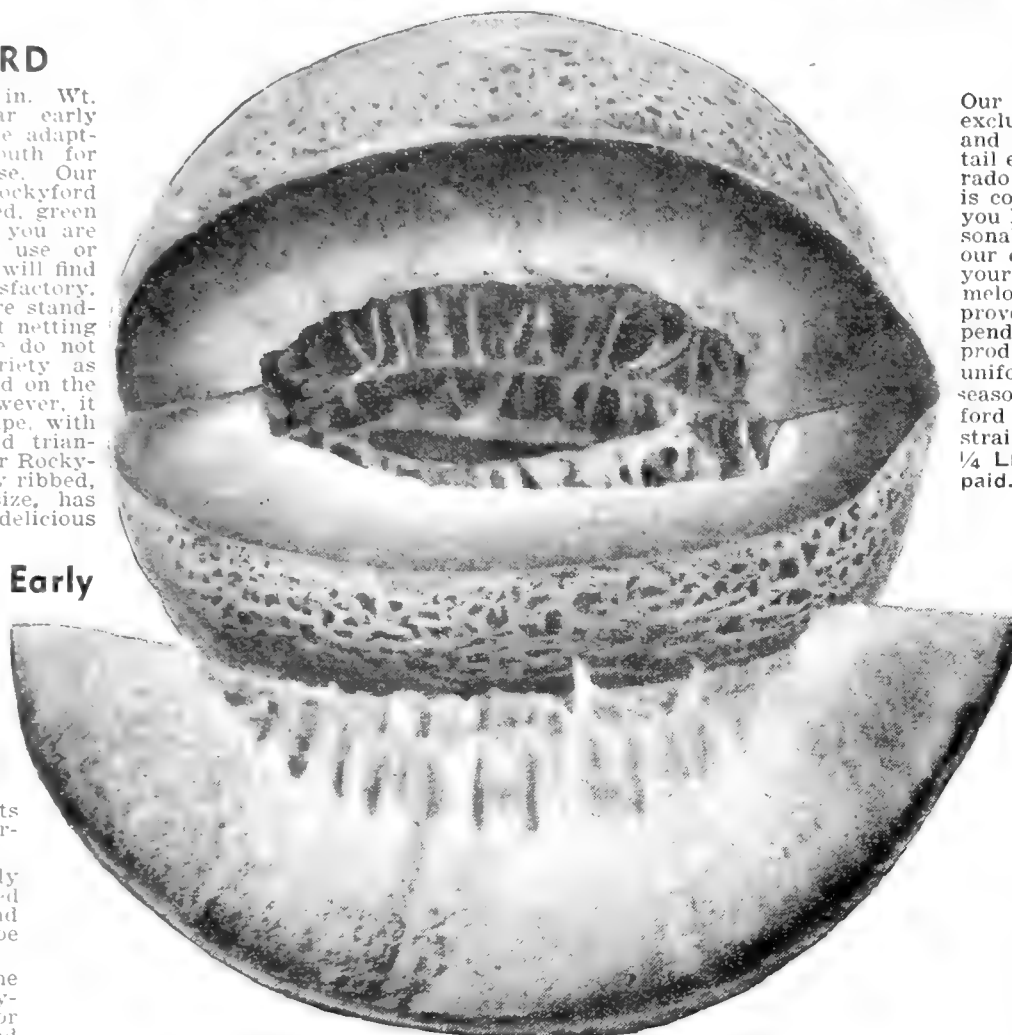
85 days. Size 5½x5 in. Wt. 2½ Lbs. A popular early variety of Cantaloupe adapted to the entire South for market and home use. Our type of Improved Rockyford is the finest gold lined, green netted strain and if you are growing for home use or nearby markets you will find this especially satisfactory. For the shipper where standard size and heaviest netting are all important we do not recommend this variety as highly as others listed on the preceding page. However, it is strictly a cantaloupe, with thick, solid flesh and triangular seed cavity. Our Rockyford is a very slightly ribbed, well netted, good size, has thick green flesh of delicious flavor.

### Plant Melons Early

It is a well-known fact that all melons must be planted early, just as quickly as the soil is warm, so that the fruit will mature when seasonal conditions are most favorable and before the usual insect pests put in their appearance.

Plant early in sandy loam soil, well manured and well fertilized and your rewards will be outstanding.

These strains are the best available anywhere in the world for our Southern soils and climatic conditions.



(237) Hastings' Rockyford Cantaloupe—Our Finest Improved Strain

## 237 ROCKYFORD

Our seed is from crops grown exclusively for seed purposes and is not the seed from the tail end of Southern and Colorado shipping crops such as is commonly sold. Buy seeds you know are good. The personal inspection work given our crops every year assures your getting seeds from select melons and the latest improved strains. You can depend on Hastings' Seeds to produce the finest and most uniform crops your soil and season allows. Genuine Rockyford grown Cantaloupe, finest strain. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

### How to Grow Them

Cantaloupes Contain  
Vitamins A and B1

Supreme garden satisfaction comes with ripe sweet melons pulled fresh from the vines.

**CULTURE**—Plant after soil is warm in spring, in hills at least 4 ft. apart each way. Drop 8 to 9 seeds to each hill and thin out to 3 or 4 strong plants. Cover 1 in. in loamy soil and cultivate as for Cucumbers, keeping all weeds and trash cleared out to allow free and uninterrupted growth of the crop itself until fully matured.

## TRY THESE FINE NEW CANTALOUPE IN YOUR GARDEN PLANTINGS

### 234 Hastings' New Honey Rock Melon

Gold Medal, All-America Selections, 1933.

90 days. Size 6x5½ in. Weight, 4 Lbs. Also called Sugar Rock. About midway between Honey Ball and Eden Gem. Very prolific, with heavier, coarser netting than Honey Ball. It is almost round, of over medium size, richest salmon flesh of fine quality slatey gray-green skin and its great virtue is ripening uniformly. It is sweeter than Rocky Ford Cantaloupes but without the honey sweetness of Honey Dew. Outstanding for home use and its extreme earliness and uniform maturity make it a market variety, standing 2 to 3 days' shipping. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

### 240 New Imperial Strain 45 Cantaloupe

Award of Merit, All-America Selections, 1935.

This outstanding new variety is a developed cross from Honey Ball and Hale's Best. It is of Rocky Ford size, a yellow netted fruit with rich orange flesh of delicious flavor and excellent texture. For the home and market gardener this allows storage or leaving on the vines until ready for use. With Imperial, people may now taste a real vine-ripened melon, whether it has been stored or shipped. This is a distinct and unique melon. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 242 NIXON, REAL GEORGIA MUSKMELON

100 days. Size 9x10 in. Weight, 8 Lbs. A real Georgia muskmelon with a great reputation in Georgia, where it has been known locally for many years. It is large to extra-large and with a delicious flavor. Single specimens weighing 12 to 15 pounds are nothing unusual. The center cavity is large and round. In flavor and quality it is a superb variety and it is sun and insect-resistant to a marked degree. For home use and nearby markets for medium late maturity. Nixon has an unusually fine flavor, is excellent in quality of flesh and exceedingly tender. It will be very popular on your table. Pkt., 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. Postpaid. Supply limited.

## 233 BANANA CANTALOUPE

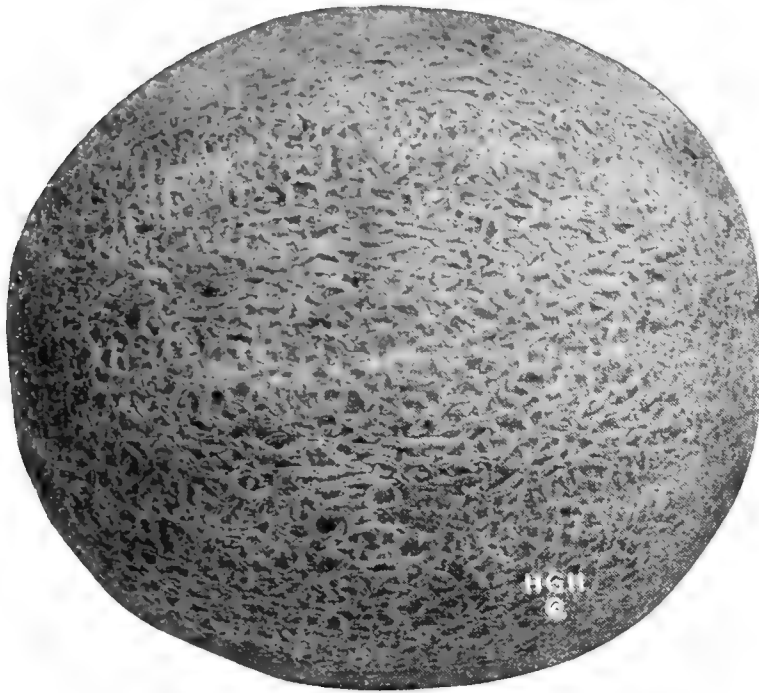
Entirely distinct, melons growing from 12 to 24 inches long, 3 to 5 inches in diameter. The thick, rich flesh is orange in color with delicious eating qualities, somewhat of a banana-like flavor. Stands sun without burn or scald. Packet, 10c. Oz., 25c.

## 244 HONEY DEW MELON

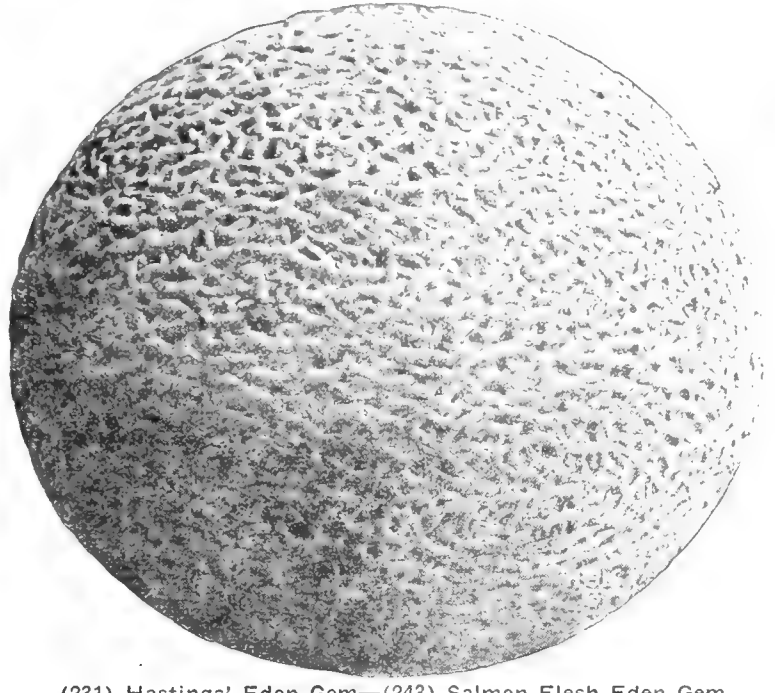
A fully ripe Honey Dew leaves nothing to be desired in a sweet spicy flavor. Melons are round, weighing 6 to 8 pounds. Skin smooth and white, flesh of light green color and very thick. Can be kept for weeks after picking if kept in a well-aired place. One of our friends said, "It has the sweetness of honey and the freshness of the morning dew." Packet 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. Postpaid. Supply short.

# SERVE THEM GARDEN FRESH

# THE FINEST CANTALOUPE IN THE WORLD!



(236) Hastings' Improved Perfecto, A. A. S. Silver Medal



(231) Hastings' Eden Gem—(243) Salmon-Flesh Eden Gem

## 236 HASTINGS' IMPROVED PERFECTO



Silver Medal, All-America Selections.

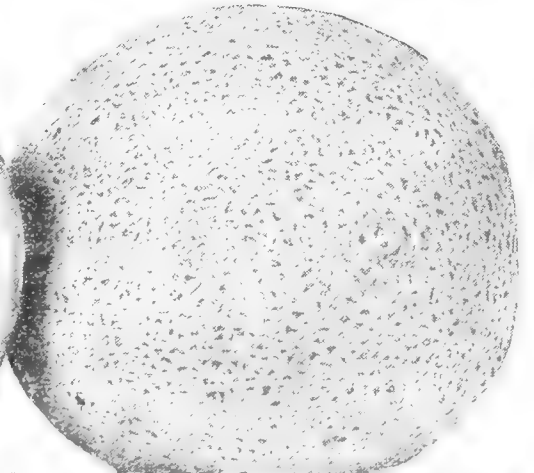
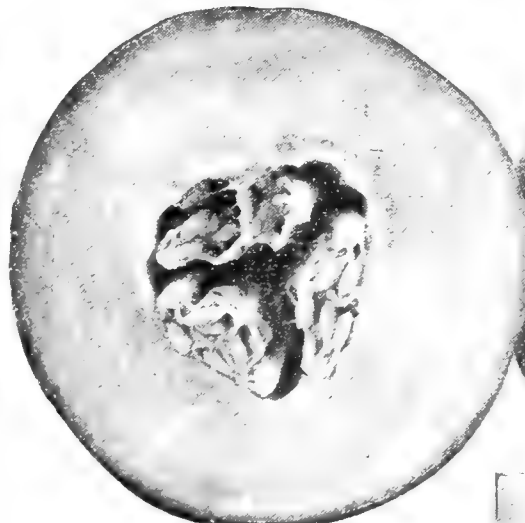
88 days. Size 6x5½ in. Weight 2½ Lbs. A selection out of the popular Edward's Perfecto for uniformity and other qualities. Good, uniform netting, unnoticeable slight ribs, almost round, seed cavity triangular, with thick, sweet, spicy flesh. It has so-called pink meat, of delicious eating quality and desirable for home gardens, marketing and shipping. It is a new type of Rocky Ford, showing a trace of Burrell Gem but far surpasses that variety. It is sure to supersede most of the older shipping varieties, now that we have this type selected to the uniform, round, heavy, typically Cantaloupe requirements. It's perfection and a heavy cropper. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. Postpaid.

## 243 Hastings' Salmon-Flesh Eden Gem

Also known as Hastings' Pink Meat. 85 days. Size 6x5½ in. Weight 2½ Lbs. Our Salmon-Flesh Eden Gem is the same hardy, rust-resisting, prolific, finely netted fruit as the Eden Gem and with so-called pink meat—the grand pink meat melon for home use, market and shipping. Flesh is very thick with extremely small seed cavity, fine grained, juicy and sweet. This is just as fine a Cantaloupe as Hastings' Eden Gem. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid. Cantaloupes Contain Vitamins A and B1.

## 238 HALE'S BEST Improved Strain 36 The New Market Favorite

80 days. Size 6½x5. Weight 2¼ Lbs. This is our best selected improved strain. Exceptional extra early variety, originating in California's famous Imperial Valley. It is also of the general Rocky Ford type, of remarkable flavor, distinctly sweet and firm fleshed. The rich salmon flesh is very thick, leaving only a very small triangular seed cavity. Fruits are oval shaped with heavy netting and ribs hardly apparent. Hale's Best is a superb shipper, commands a good price and is of greatest value as an early shipping melon. Plant some also for earliest home use. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.



(238) Strain 36 Improved Hale's Best Cantaloupe—Good For All Purposes

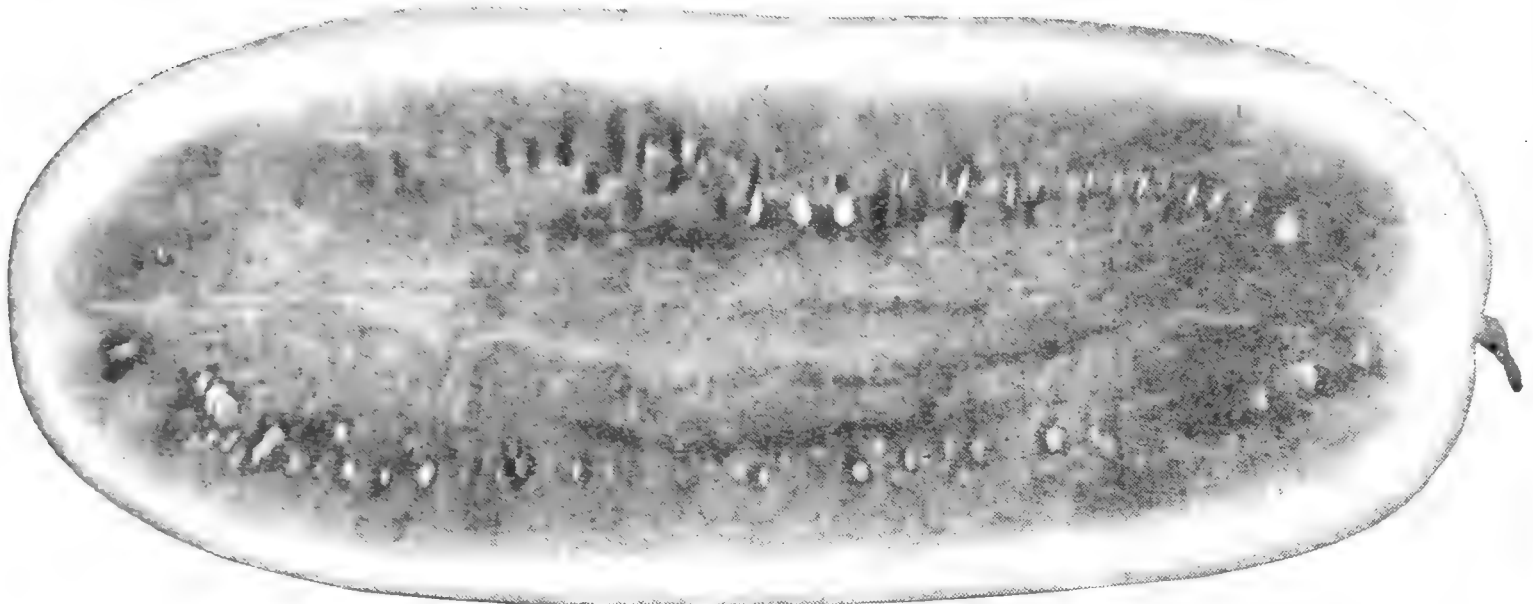
## 231 HASTINGS' Gold Lined EDEN GEM

Our Introduction. 84 days from seed. Size 5x5 inches. Weight 2½ Lbs. The illustration below shows the average shape and perfect netting of our Gold Lined Eden Gem (green fleshed), a real true money-making variety for the shipper and market gardener as well as most satisfactory for home use. Its dense netting helps greatly in resistance to insect attacks. Flesh is very thick and firm and the rust-resisting vines produce enormous crops of very uniform fruits. Practically ribless; seed cavity triangular and very small. This famous green fleshed melon is the most tasty and finest flavored of all Cantaloupes. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

## 235 Hearts of Gold or Hoodoo

90 days. Size 6x6 in. Weight 2 Lbs. Ideal shipper and desirable mid-season melon for home gardens. Medium sized, orange fleshed variety with vigorous, blight resisting and very productive vines. Fruits are nearly round, only slightly ribbed and netting is fine and dense. Flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Rind is thin but firm and carries to distant markets in perfect condition. It is a superior commercial Cantaloupe; its wonderful flavor and insect resisting dense netting making it equally valuable for home use. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. Postpaid.

# TRY SOME WILT - RESISTANT MELONS IN 1945



(256) Hastings' New Leesburg Watermelon—Really Wilt-Resistant and Delicious

## 256 HASTINGS' LEESBURG — WILT-RESISTANT — For Home Gardens and Market

85 days. 30 Lbs. Our strain of this remarkable new variety has been selected over many others as being the best because of its uniformity in size, shape, sweetness, dark green color, and toughness of its thin rind.

We have thoroughly tested Leesburg in several localities for several years before offering it to you, and we are convinced

that it represents a revolution in watermelon growing comparable to the introduction of the first wilt-resistant Tomato not so very many years ago. We have seen it grow and mature perfect melons on land where not a vine of non-resistant varieties survived. We recommend a planting in every Southern garden.

Leesburg is not immune to anthracnose, blight, and other diseases that sometimes attack our fields and the seed should still be treated with Semesan and the vines sprayed with Bordeaux Mixture to set the largest crops of the finest melons which it certainly can do. Try it this year yourself! Pkt., 10c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.50. Postpaid.

## 263 HAWKESBURY — OTHER WILT-RESISTANT — 266 NEW GEORGIA

85 days. 35 pounds. Hawkesbury is a long melon. The color is light gray with green. Flesh is bright and of good quality for home and market. Seed are brownish black. Pkt., 10c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.50. Postpaid.

*Cash In On Melons  
Again in 1945*

### WILT-RESISTANT

A new rounded and striped melon of superb quality developed by the Ga. Exp. Sta. Worthy of a test in any wilt-infested soil. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Supply limited.

## 265 HASTINGS' SUPERB DIXIE QUEENS AGAIN SOLD UP TO \$1,000 A CAR



Highest prices from Uniformity in size coloring, and shape results from planting Hastings' strain of Dixie Queen.

## 265 Hastings' Dixie Queen — Our Own Specially Selected Super Strain

90 days, 30-45 Lbs. The New White Seeded Cuban Queen. Superb new, round or blunt oblong, fine flavored gray melon with prominent dark green stripes. It has been the sensation of Southern mar-

kets since 1932. It has richly colored, sweet, juicy, firm flesh which seems to be all heart because of its very small seeds. Its tough rind allows shipping and it sells on sight. Melon markets are looking for new varieties of merit and that is why

Hastings' Dixie Queen is commanding so much attention. The white seeds are so small that a pound goes farther than other varieties. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.75. Postpaid.



# 264 HASTINGS' SUPER-RED HEART STONE MOUNTAIN

## WATERMELON CULTURE

Plant in fresh or new ground after soil is thoroughly warm in spring. Make hills preferably 8 ft. apart in 10-ft. rows. 3-400 pounds of good commercial guano is recommended. Drop about 8 seeds in each hill, and thin out to 3 or 4 strong plants after rough leaves have formed. Cover seeds 1 inch in loamy soil and cultivate often until vines prevent; then pull out weeds and grass. Spray vines regularly with Bordeaux Mixture. Treat seed with Semesan for protection from soil borne disease except wilt which, may be controlled by using our Leesburg or Hawkesbury wilt-resistant melons. Plant all melons early in season to allow complete ripening necessary for the largest size, best flavor and color.

Watermelons contain Vitamins A and B1

### Acre Melon Collection

5 QUARTER POUNDS, \$1.95

POSTPAID

For \$1.95 we will send you, postpaid, 1/4 pound each of the new Leesburg, Tom Watson, Dixie Queen, Hastings' Super-Red Heart Stone Mountain Watermelons and Hales Best Cantaloupe. You couldn't get a finer assortment if you tried. Send us \$1.95 for this collection and have the best acre of melons in your section of the country.

POSTPAID.

Watermelons contain Vitamins A and B1

Watermelons contain Vitamins A and B1

### 5-Oz. Collection for 60c

5 FULL OUNCES FOR 60 CENTS

Enough watermelon seed to plant about one-fourth acre patch, enough for the average family. One full ounce of each of Tom Watson, Dixie Queen, the new Wilt-Resistant Leesburg, our Super-Red Heart Stone Mountain and also the superb Hales Best Cantaloupe. A real home garden bargain for 60c the amount often paid for just one nice melon on the market.

POSTPAID.

Watermelons contain Vitamins A and B1

## THE FINEST QUALITY MELON IN EXISTENCE

OVER 40,000  
PACKAGES  
SOLD IN  
1944



(264) Hastings' New Red Heart Super Stone Mountain — Best in the World for the Home Table.

### 264 SUPER-RED HEART STONE MOUNTAIN

Over 40,000 packages sold in 1944. Our newest, finest strain of the greatest home garden and market watermelon ever introduced! This new super-red heart strain of our genuine Stone Mountain represents the culmination of a twelve-year breeding program carried on at our 1,500-acre seed farm here near Atlanta and is just about

perfection in so far as melons grow. An old experienced inspector could hardly believe his eyes when looking over our seed crop and saw the perfect uniformity of the rich, full red, sweet, juicy hearts in melon after melon cut. Let us say that it is absolutely necessary to provide a good loamy, well drained soil and that the crop be planted early in the proper season for best results. This provides the full developing season necessary for complete ripening in the heart and fully to the rind of this very capable strain.

We have provided another superb lot of this new Red Heart Super Strain Stone mountain, but necessarily limited this year. May we suggest that you be the first to grow it in your neighborhood and that you order early to avoid disappointment!

**PRICES:** New Super Strain only offered this year. Sealed packages only. Pkt., 15c. Oz., 25c. 1/4 Lb., 60c. Lb., \$1.95. Postpaid. Melons sold at prices up to \$2.50 each and worth it! Don't miss it in 1945. Supply limited because of short crop.

### 260 IMPROVED KLECKLEY SWEET—ALSO CALLED WONDERMELON

86 days. 30-40 Lbs. This fine new Watermelon has been very popularly received. For a long time the old variety, Kleckley Sweet, has been the standard home garden melon of the South and is popular all over the country. It is not as good as it once was but at its best it could not compare with this fine new variety which we called

Improved Kleckley Sweet. This new melon is regular in shape, larger, sweeter, of better quality and better in every way than the old Kleckley. It is large, heavy, oblong, an even dark green skin, rather thin rind, rich bright scarlet flesh and an all-round fine melon for home and nearby market use. There can hardly be a typical farm home in the entire South nor

even a good sized town garden without at least a few hills of good, sweet home-grown melons to serve crispy cold on hot summer days. This cooling dark green melon with its frosty red heart, and it has a large and generous heart, surely is a delicious refreshment. Pkt., 10c. Oz., 15c. 1/4 Lb., 45c. Lb., \$1.50. Postpaid.

## 253 FLORIDA GIANT, CANNONBALL OR BLACK DIAMOND

### The Most Popular Shipping Melon in the World!

90 days. 35 Lbs. This relatively new melon has rapidly become the market favorite because of its excellent yield, dark green color, uniformly good size, smooth round shape, and its ability to hold its rich red color and excellent quality for the length of time necessary for successful marketing. It has consistently sold at top market prices at northern as well as nearby consuming areas, and last year some cars sold as high as \$1,000.00

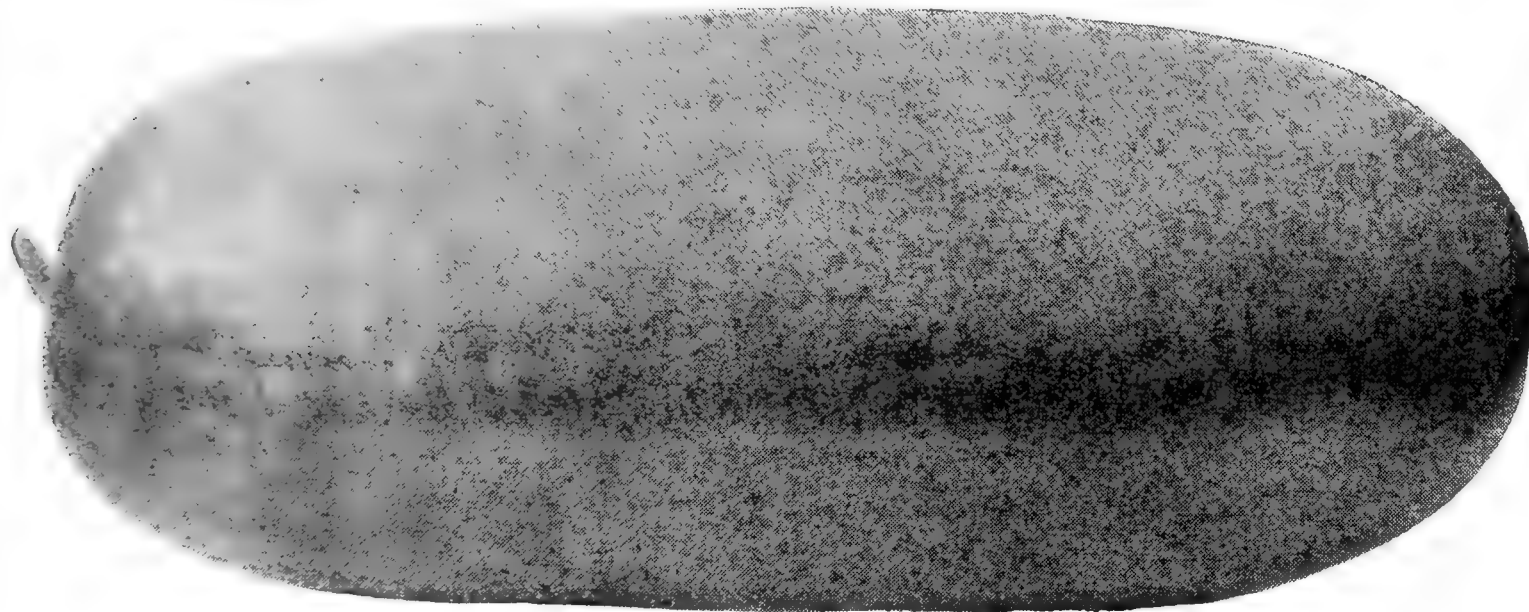
to \$1,200.00 f.o.b. track—a real "gold mine". This great watermelon is called "Florida Giant" or "Cannonball" and in some localities "Black Diamond". Our seed is exactly the same for all of the names and represents many years of intense selection for the very best type. Hastings' own strain is just about the best there is. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. Postpaid.

## 255 HALBERT HONEY — FAMOUS SWEET WATERMELON

85 days, 30 Lbs. For a long time Kleckley Sweet was the sweetest melon grown, but Halbert Honey is sweeter and without strings in the flesh. No stringy pulp is left even after the largest bite of heart. Its delicious bright red flesh extends nearly to the skin, the rind being very thin and brittle. It is more evenly shaped than the old Kleckley Sweet, and the dark green skin makes it very

attractive. It is early, prolific and grows to rather large size. Halbert Honey is a wonderful eating melon for you to plant and any surplus should be easily sold on local markets. It is a delicious home garden melon, sweetest of all except Stone Mountain and Graystone. Packet, 10c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.50. Postpaid.

## TOM WATSON CAME BACK! — \$900 A CAR PAID IN 1944



258 Tom Watson With the Juicy Red Hearts — Hastings' Improved Strain

## 258 TOM WATSON WATERMELON — HASTINGS' GENUINE CUT RED STRAIN

The Real Red Meated Tom Watson, the only kind to plant. 90-95 days. 30-40 Lbs. The Watson has rightfully been the most largely planted melon in the South for Shipping purposes and with our new cut red strain will continue as a popular and profitable sort to plant. It's a splendid melon

for shipping, to sell in nearby markets and for home use. It is an excellent combination all-purpose melon for you to grow. Melons are very large, uniform, of cylindrical shape and medium in maturity. Deep green skin, with faint veining, tough and elastic rind. The flesh is bright red, firm,

somewhat coarse and of good flavor. Seeds are medium sized, brown with light spots. It is an ideal keeper in shipping and its rich and attractive appearance makes it a top-price seller on the markets all over the country. Packet, 10c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.50. Postpaid.

## 261 HASTINGS' GRAYSTONE

THE WORLD'S SWEETEST WATERMELON

90 days. 25 Lbs. 1933 All-America Winner.

Hastings' introduction. Distinct gray green Stone Mountain type and shape with the sweetest of all richest red, fine grained flesh. Most deliciously flavored and perfectly suited for home gardens and nearby markets. Rind thin, but relatively tough. A good melon to grow and the best to eat. Seed small, go a long way. Pkt., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. Postpaid.

## 268 Citron, Green Giant Live Stock Feed Only

WESTERN GROWN SEED.

96 days, 10 Lbs. Round, solid white fleshed melon for the finest sweet pickles you ever tasted. Surplus can be fed to hogs and cattle. Citrons are grown regularly in some sections for stock feed. Skin color is alternate dark and light green in broad stripes. Seeds are heavy, smooth and glossy green. Remember—Do not plant anywhere near watermelons for citrons cross and ruin watermelons. Pkt., 10c. Oz., 15c. ¼ Lbs., 30c. Lb., \$1.00. Postpaid.

## WATERMELONS FOR PROFITABLE MARKETS

The history of watermelon growing in review will show a series of profits in one year and losses another year. We want you to grow melons on a profitable basis every year! This means the selection of the proper varieties for the markets available. This

means the selection of the best seed, regardless of price or misleading offers, because at double the average scale of prices it still is the least cost of making the crop. Good crops only grow in good, well prepared soil and when well fertilized and cultivated to maturity.

This means first class melons for market, same always bringing the highest prices! Never offer poor melons to anybody at any price. Such destroys the market for good melons. Grow good melons and profits will grow with them! And plant them early.

# PLANT MUSTARD ALL SUMMER

Fresh Mustard Contains Vitamin A.

Mustard is used chiefly for boiled greens. It is fast growing, as healthful as Spinach. Tops are similar to Turnips in flavor but more tender stems, and better quality.

**CULTURE**—Sow in rows 14-24 in. apart, thinning plants to 4-6 in. apart. Leaves are ready to use in 4-6 weeks. Make successive plantings for continuous supply. Mustard runs to seed quickly. Oz. plants 200 ft. row; use 4-5 Lbs. per acre.

## 278 GIANT SOUTHERN CURLED MUSTARD

**Ostrich Plume Strain.** Our most popular mustard and the finest for heavy production of tender, superbly flavored, deeply curled and frilled leaves for home gardens and market. Slightly pungent, crisp and tender our strain is noted for its fine quality eaten like lettuce or more popularly boiled for greens.

We unreservedly recommend this superb, improved strain for you to plant in your Victory Garden. Pkt., 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. Postpaid.

## 275 HASTINGS' TENDERGREEN SPINACH MUSTARD

**Spinach Mustard.** A fast growing new type of mustard that is really taking gardens by storm. Tendergreen makes good greens in 3 to 5 weeks, is delicious and free of the regular mustard pungency. We recommend Tendergreen to every Southern gardener for a series of plantings all summer. It's good! Pkt., 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.



(278) Giant Southern Curled Mustard

## 280 Hastings' Combination Salad

Many of our customers like to have a grand mixture of popular Southern greens to plant all together at the same time and to come early and bear over a long season. Hastings' combination salad is a blended mixture of Turnips, Mustard, Kale and Rape to give greens for continued bearing. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. Postpaid.

## 277 CHINESE MUSTARD

Leaves broad, unfrilled, dark green, rough textured. Cooks very mild, tender and free from bitterness. Pkt., 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. Postpaid.

## 276 FLORIDA BROADLEAF MUSTARD

Leaves very broad, succulent, large tender midrib to make superbly delicious greens. Favorite of all. Pkt., 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. Postpaid.

# HASTINGS' FAMOUS SOUTHERN OKRA

Okra Contains Vitamins A and B1.

**CULTURE**—After soil is warm, plant in 2½ foot rows, covering seed about one inch. When well up thin plants to a foot apart. Cultivate often. Oz. plants 50 ft. row; use 10 Lbs., per acre. **HASTINGS' FARM GROWN SEED.**

## 303 New Early White Lightning

5 ft. 50 days. 1939 All-America Bronze Medal. Spineless. A new distinct okra introduction from Hastings' Seed Farms. Entered in All-America competition it readily won favor of judges all over the country.

An extra early smooth and exceptionally long white-podded okra bearing 7-10 days ahead of White Velvet. Stays tender to much larger size than other varieties and is free from sharp spines. Pkt., 10c. Oz., 15c. ¼ Lb., 30c. Lb., 90c. Postpaid.

## 304 DWARF EARLY OKRA

3 ft., 50 days. The pods are like our Improved Perkins Mammoth, thickly set on the plant and begin to form very early. Pkt., 10c. Oz., 15c. ¼ Lb., 25c. Lb., 80c. Postpaid.

## 305 WHITE VELVET

4 ft., 60 days. Standard throughout the South for home use and local markets; ready to use in 55 to 60 days. We have developed a fine, early, very round, white, smooth-podded strain of medium size. Pkt., 10c. Oz., 15c. Crop very short.

## 307 New Clemson Spineless

4 ft. 55 days. 1939 All-America Silver Medal. Spineless. After many years of intense breeding Profs. McGinty and Andrews, of Clemson College, have succeeded in establishing a very uniform, dark green, spineless strain of the Perkins type of long pod okra. Winning recognition of vegetable judges all over the country it will take its place as a superior variety easily picked without discomfort. We are delighted that we can offer seed grown from the originator's stock. Pkt., 10c. Oz., 15c. ¼ Lb., 30c. Lb., 90c. Postpaid.

## 306 HASTINGS' NEW IMPROVED PERKINS

4 ft. 55 days. This distinct green-podded okra is by far the best variety for market and shipping and is used by many Southern truckers exclusively. We have greatly improved the original strain. Pods intensely dark green, of unusual length, 8 to 10 inches when full grown. Hastings' Super Strain. Pkt., 10c. Oz., 15c. ¼ Lb., 25c. Lb., 80c. Postpaid.



(306) Perkins Mammoth Okra—Hastings' Super Strain

(307) Clemson Spineless Type



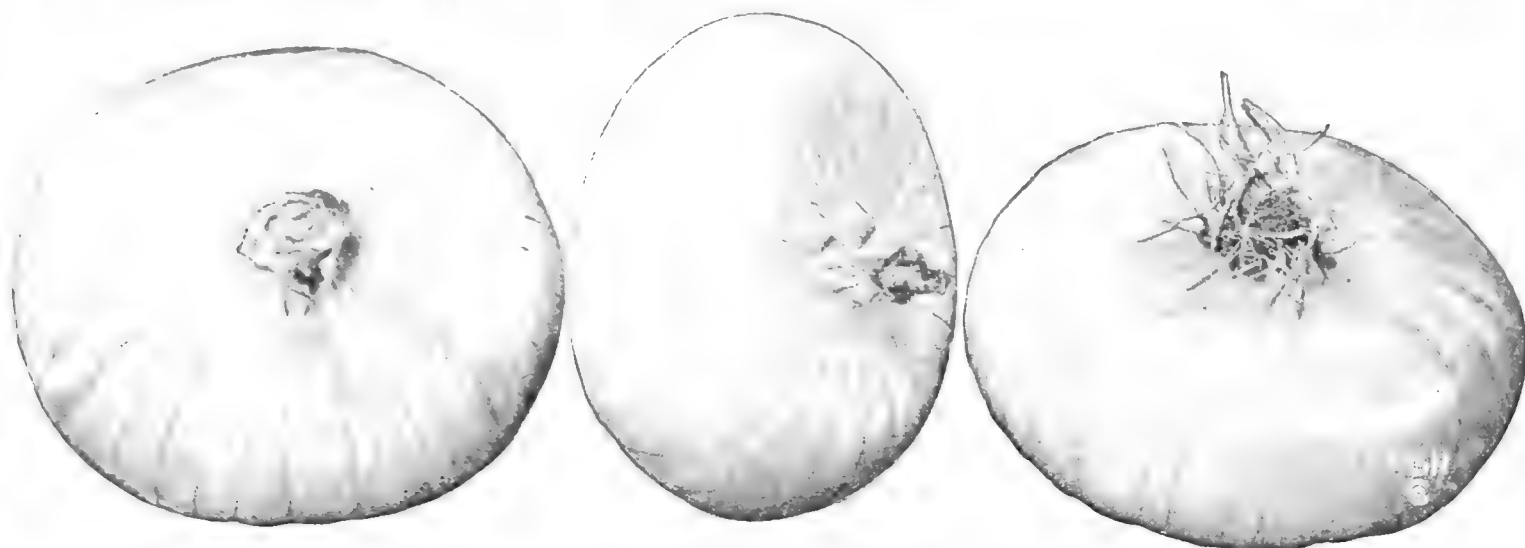
White Lightning

Dwarf

W. Velvet

Perkins

# IT'S EASY TO GROW ONIONS IN YOUR OWN GARDEN



(288), (289) Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the world

## BRING HEALTH TO ALL THE FAMILY

Garden Fresh Onions Contain Vitamin B1.

**CULTURE**—Use fine, rich soil and keep growing steadily. Thin out gradually to stand; final thinning when 6-8 in. tall may be used for green onions. Then dig as tops begin to die. Dig and dry store with tops on until ready to use or market. Oz. plants 200 ft. of row. Use 3 to 5 Lbs. per acre. 100 plants will set 50 feet row.

### 289 CRYSTAL WAX WHITE BERMUDA—Mildest

Our own introduction, identical to Yellow Bermuda, except crystal white. Superbly mild flavor. Unquestionably one of the most popular of all onions planted and a real treat from your garden either as green onions or matured. Superb! Pkt., 10c. 1/2 Oz., 35c. Oz., 60c. 1/4 Lb., \$1.75. Lb., \$5.00.

### 288 Yellow Bermuda—Sweet, Mild, Delicious

Sweetest, mildest of all onions. Large flat, straw or amber colored bulbs maturing in mid-summer from early spring planted seed. Makes very mild green onions. One of most widely planted and delicious onions of our entire list. Recommended without hesitation. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c. 1/4 Lb., \$1.75. Lb., \$5.00. Postpaid.

### 291 Hastings' Red Globe

A typical globe onion of great market value, nice appearance, mild flavor, fine quality and a good keeper. Pkt., 15c. Oz., 75c.

### 292 Hastings' White Globe

Superb, large, pure waxy white globe shaped onion. Flesh crisp, fine grained and mild. Pkt., 15c. Oz., 75c.

### 285 Large Red Wethersfield

Easily grown to full maturity from seed and a good keeper into winter. Almost round, of large size and purplish red color. Pungent. Packet, 10c. Oz., 60c. 1/4 Lb., \$1.75. Lb., \$5.00.

### 300 Hastings' Silver Skin

White Portugal. A splendid pickling onion with mild flavor and silvery white skin. It is flat on the bottom and thick towards the top, firm, hard, an excellent keeper. Packet, 15c. Oz., 75c. 1/4 Lb., \$2.00. Lb., \$6.00.

### 298 RIVERSIDE SWEET SPANISH, VERY MILD

Superior in flavor, mildness, keeping qualities and yield. Large, well shaped, light brown onions, weighs 1 to 3 pounds and unusually mild. Pkt., 10c. Oz., 75c. 1/4 Lb., \$2.00. Lb., \$6.00.

### 294 YELLOW GLOBE DANVERS

We are fortunate in having a limited supply of this garden favorite so extensively liked and adapted to the middle and upper South. It is medium early in maturity, medium size, globe in shape, firm and rather mild. Flesh is crispy white with pale coppery yellow skin. Pkt., 10c. Oz., 60c. 1/4 Lb., \$1.75. Lb., \$5.00.

### 297 AUSTRALIAN BROWN—The Long Keeper

The long keeping onion for our warm Southern climate. Round, flattened, firm and solid, pungent flavor and heavy producing onion with amber brown skin. Very popular. Pkt, 10c. Oz., 60c. 1/4 Lb., \$1.75. Lb., \$5.00.

### 296 HASTINGS' PRIZETAKER

Light straw colored, large round onion with mild flavored white flesh. A very heavy producer and a genuine Southern favorite. Pkt., 10c. Oz., 75c. 1/4 Lb., \$2.00. Lb., \$6.00.

## 200 Hardy Onion Plants For 75c Postpaid

Genuine Hastings' Bermuda Onion Plants, shipped direct to you in ready to grow condition—Postpaid to your address. 200 Bermuda Plants, 75c. 500 Plants for \$1.50. 1,000 or more, \$2.50 per 1,000. No plants C. O. D. No orders for less than 200. With short supplies we must ship white or yellow plants strictly at our discretion from stocks available at shipping time.

## HASTINGS' ONION SETS

Largely planted in home gardens for early onions and to pull green. Plant sets three inches apart in rows 12 to 15 inches apart.

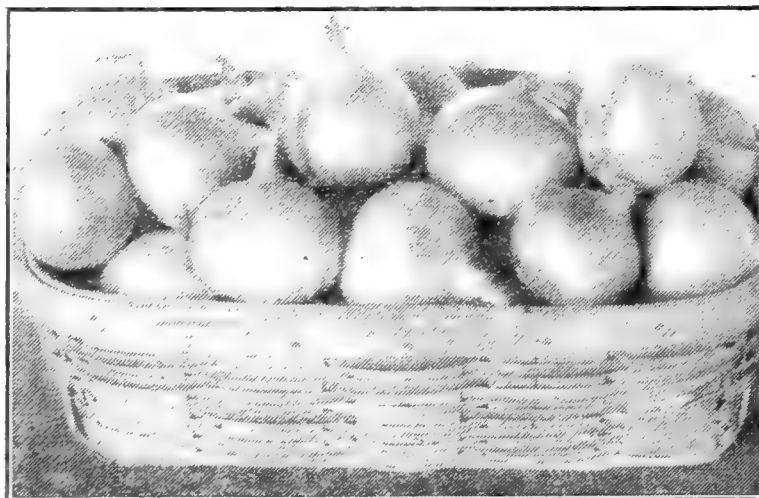
### Yellow and White Onion Sets In Short Supply

The supply of onion sets at this time is so very uncertain that we can only accept orders on the basis of shipping either white or yellow, which ever we have available at the time, at our discretion. Order early, please. Pound, 45c. Postpaid.

## Genuine Garlic Sets—Strong!

For appetizing and flavoring soups, stews and roasts. In large amounts it has a strong, penetrating flavor and odor. Set the cloves or sections of each bulb, or sets, in rows 12 inches apart and 4 inches apart in the row. Take up in fall and store in a cool, dry place until used.

Pure Italian Garlic Sets—Pound, 60c. Postpaid.



(298) Riverside Sweet Spanish Onions, 10c. Very mild.



# THE BEST SOUTHERN PUMPKINS

## Culture PUMPKINS CONTAIN VITAMIN B1.

Plant in hills 8 feet apart each way after weather and soil get warm. Plant about 10 seeds to a well-fertilized hill, thinning to 3 plants after well started. Hoe often till vines begin to run. Cut Pumpkins from vine after the leaves die, leaving 3 to 4 inches of stem attached, and store in dry place. Oz. plants about 20 hills; use 3-4 Lbs. per acre.

### 364 Sweet or Sugar Pie Pumpkin

113 days, 8x10 in., 6-8 Lbs. Standby for general use and particularly desirable for pies. Fruits are round, flattened at ends; skin is hard, smooth, somewhat ribbed and deep orange. Flesh is thick, very sweet, orange-yellow and of very high quality. Heavily productive and you should have it for the most delicious pumpkin pies, as it is so sweet and suited for this purpose. They are most easily grown here in the South and in maturing rather early, we can have custards and pies with the sweet potato-like flavor before the sweet potatoes are ready. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

### 365 Improved Striped Cushaw

110 days, 18x10 in., 10-15 Lbs. Favorite crookneck type of Pumpkin for the South. Fruits are crook-necked, skin is hard, thin, smooth, creamy white with irregular light green stripes. Flesh is thick, creamy yellow and medium coarse grained. It is attractive in appearance and sweet in taste. It is used for pies and baking but in many sections grown primarily for stock feed. May be grown in corn, makes heavier yields and better stock feed than other Cushaws. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.



(364) Sweet or Sugar Pumpkin  
Favorite for Delicious Pies.

### 360 Southern Field Pumpkin

118 days, 13 in. across, 10-15 Lbs.

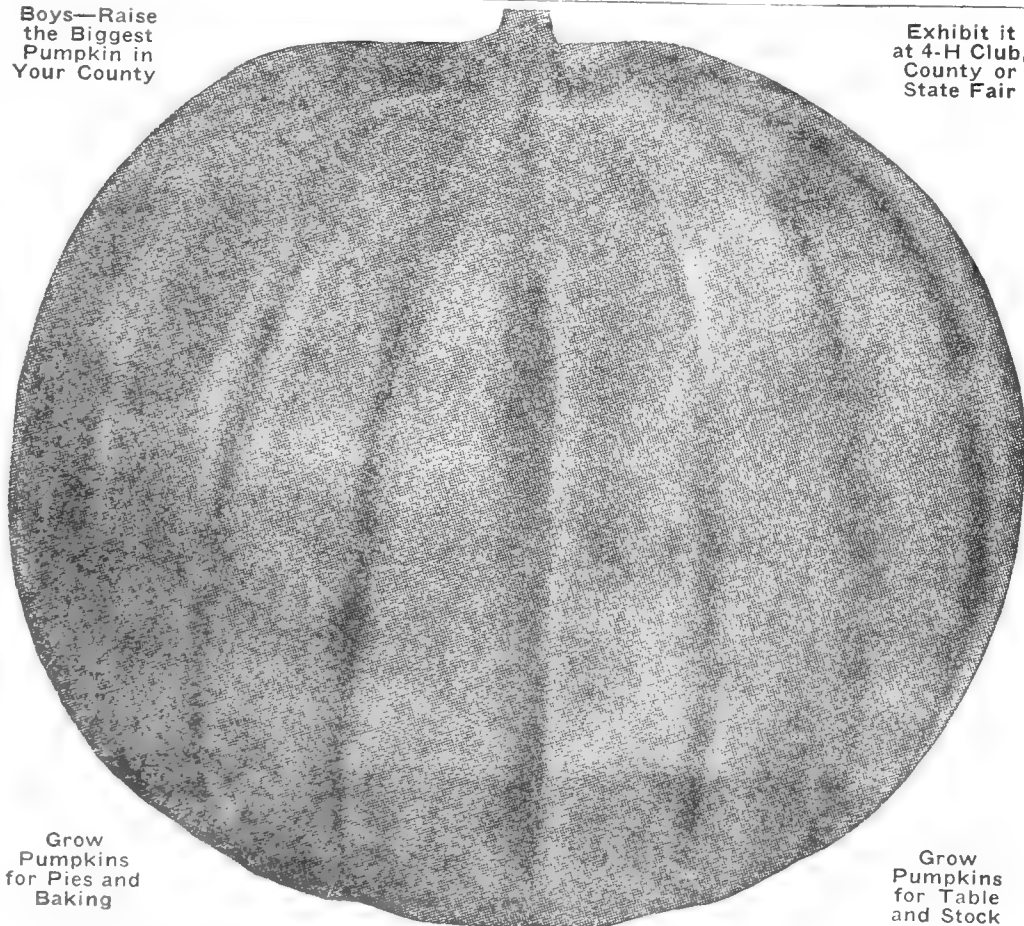
For canning and stock feed. Fruits large, slightly ribbed, dull orange; flattened to round. Deep yellow, coarse flesh of good flavor. Vigorous and prolific. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

### 363 BIG JUMBO—Hastings' King of the Harvest

120 days, 20-24 in. across, 60-90 Lbs. Under good cultivation it's a monster. Valuable for exhibition purposes, big Halloween faces, stock feeding and fair for baking and pies. Quality is good, considering its size. Fruits globular, skin yellow and orange. Salmon-orange flesh is coarse grained. Rather variable in shape. Pkt., 10c. Oz., 25c. 1/4 Lb., 60c. Lb., \$1.75. Postpaid.

Boys—Raise  
the Biggest  
Pumpkin in  
Your County

Exhibit it  
at 4-H Club,  
County or  
State Fair



Grow  
Pumpkins  
for Pies and  
Baking

Grow  
Pumpkins  
for Table  
and Stock

(363) Hastings' Big Jumbo Pumpkin, King of the Mammoth Pumpkins, 10c



(365) Striped Cushaw, 10c  
The long keeper

## Tennessee Sweet Potato

**361** 105 days, 13x10 in., 12-15 Lbs. Very popular and earliest variety in the South. Fruits are pear-shaped, often with a slightly crooked neck. The skin is creamy white with faint light green stripes. Flesh is cream colored also, thick, fine grained and of very good quality. It is a hardy sort, vines are productive and fruits keep well into late spring. The flesh looks like a sweet potato when cooked and has a delicious taste. Try to find place for a few hills this year. Packet, 10c. Oz., 25c. 1/4 Lb., 60c. Lb., \$1.75. Postpaid.

## SALSIFY—A Worthy Crop

**404 MAMMOTH SANDWICH ISLAND.** Plant seed in early spring in rich, loamy, deep soil and thin to 3 in. apart. Cultivate cleanly all summer and dig as needed through fall and winter. Has long, white, tapering roots with flavor resembling oysters. Fine for home garden or market. Pkt., 15c. Oz., 40c. 1/4 Lb., \$1.25. Postpaid.

## RHUBARB ROOTS

Not recommended for Florida or Coastal sections but does well in Upper South and farther north in moist, rich, heavily manured partly shaded locations. Set out clumps roots in early spring for large and juicy stalks the following spring. They make the most delicious of all pies.

Root clumps, 40c each. 3 for \$1.00. Postpaid.

## HORSERADISH ROOTS

Horseradish can be grown in the South, giving best results in rich, rather moist, partly shaded locations. Set the roots, small end down or flat with tops 2 in. below surface. Cultivate well until leaves cover the ground. Horseradish roots, besides being grated for hot, rich seasoning, may be started in pots or water indoors for oriental-looking house plants. Prices: 25 Roots, \$1.00; 50 Roots, \$1.75; 100 Roots, \$2.75. Postpaid. No shipments after April 1.

# ENJOY THESE DELICIOUS ENGLISH PEAS THIS SPRING



## Plant English Peas in Winter or Very Early Spring for Heaviest Production

Fresh Peas Contain Vitamin A and B1.

The extra early, round seeded varieties, can be planted very early as it takes a hard freeze to kill them. Other varieties have wrinkled seed and these must not be planted until the ground begins to warm up. All Peas may be planted in Florida and along the Gulf Coast through the winter. In the Central South, plant round Peas from January to about March 15th and the wrinkled varieties from February to April. Make sowings every 10 days to keep a succession of Peas through the season. Tall varieties, as Telephone, Marrowfat and Champion of England, need brushing or staking. Others may be planted in double rows, 6 inches apart, with 2 feet between the double rows. This allows running together in double rows and usually gives sufficient support. Keep working the soil up around the stems and all varieties will bear much longer. Cover seed in rows 2 to 3 inches deep. 56 Lbs., wrinkled, 60 Lbs. smooth peas make a bushel. 2 Lbs. plants 100 ft. double row; use 90 to 150 Lbs. per acre.

## 316 Hastings' John L. Extra Early Earliest of All—Hardest English Pea

50 days, 2 ft. tall, 2½ in. pods.

Round seed. Earliest for home use, market or shipment. No Pea equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners. Plant these this winter or spring and have tender, delicious peas on your table and to sell at fancy prices. That's good gardening. Hardest, round seeded for earliest planting and quickest to develop pods anyway. Don't forget that vegetables of all kinds become very scarce and high in price in late winter and early spring. Then is the time to have some of these vitamin filled beauties garden fresh to your table. Start them early for best profits. ¼ Lb. Packet, 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 317 Alaska (Hardy and Extra Early)

52 days, 2 ft. tall, 2½ in. pods, round seed.

Best quality, heaviest bearing round-seeded extra early. A splendid shipper, canner and garden pea. Foliage and pods light green; pods round, stright and square ended. Containing six peas. Seeds of bluish shade, well rounded out; fresh peas are about equal to wrinkled peas in quality. Alaska has a grand reputation in the South, may be planted very early to be ready early and long bearing before hot weather. This is a distinct advantage and a money saver for your family food budget at a time when fresh vegetables are sky high in price. ¼ Lb. Pkt., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## Early Wrinkled Peas for Your Garden



## 315 Extra Early Surprise

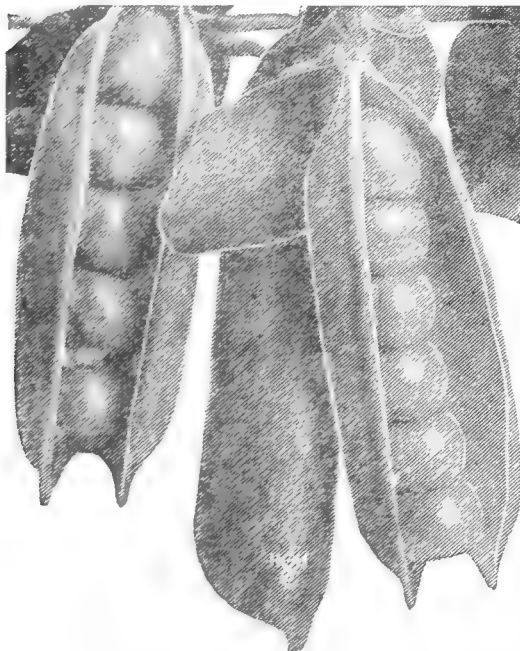
53 days, 2 ft., 2½ in. pods, wrinkled seed.

Earliest wrinkled pea. Heavy bearing, delicious eating quality and uniform maturity make this a big favorite for home, market, canning and shipping. Blunt ended, round, light green pods with 6 medium size peas. Our long podded pure-line strain of Surprise is outstanding and the best one for you to plant. Our strain of this variety excels in tenderness of skin and sweetness of flavor. It's a first quality canning sort as well as the most desirable variety. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. Postpaid. Supply limited.

## 324 Genuine Laxtonian

54 days, 2 ft. 4 in. pods, wrinkled seed. Handsome early Pea, easy leader of large podded dwarf varieties. Very large, dark green, pointed pods, with large peas of fine quality. Peas are light green, flattened and of exceptional flavor. Gardeners want a pea which doesn't need staking but which is prolific and with a definite sweet taste. Laxtonian is this type of pea. Dark green vines, vigorous and very productive. ¼ Lb. Pkt., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

FOR LOWEST QUANTITY PRICES  
See Our Latest Special Price List.



(317) Alaska Hardy Extra Early Pea


# Sweetest English Peas Grow Best in Earliest Spring Gardens

## 323 THOMAS LAXTON—DELICIOUS

THE GREAT DEPENDABLE SOUTHERN FAVORITE  
55 days to picking, 2½ ft. tall, 3¼ in. pods, wrinkled seed. Considered the finest pea in cultivation. Early heavy bearer for professional growers as well as home gardeners. Straight, blunt, well filled pods of 7 greenish cream peas. Very popular with Florida and Gulf Coast growers. Flavor is pleasing and peas retain their tenderness. Handsome, early and heavy bearer of medium size peas. It is a dandy home garden variety. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 320 TETON—New Wilt Resistant

Award of Merit, 1937, All-America vegetable selections.

 Recommended to take the place of Thomas Laxton, one of its parents. Pods larger, darker green, better filled than Thomas Laxton. 100% resistant to Fusarium wilt. Try it. 65 days to picking. 3 ft. tall. 3¼ in. pods, wrinkled seed.

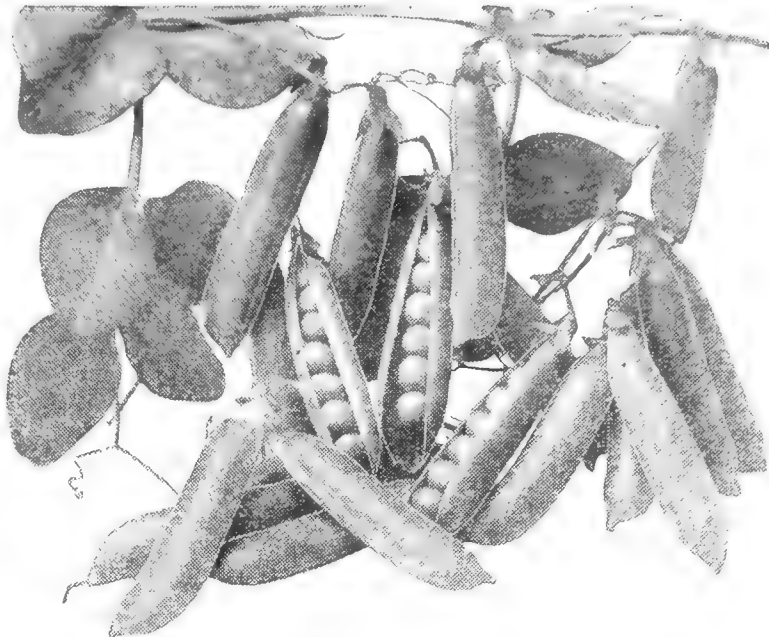
One of the very finest of all English or Garden Peas and superbly adapted to our Southern soils and climatic conditions. It bears heavily and is suited to home gardens, local markets, and also for distance shipping. Teton is really an all-purpose, highest quality pea. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 331 Premium Gem—The Early Bearer

56 days, 15 in., 2½ in. pods, wrinkled seed. Standard dwarf early Pea of fine quality, especially for home gardens. 5 to 7 medium size peas in plump, straight, blunt ended pods. Wilt-resistant and productive. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Postpaid. Supply limited.

## 326 Sugar or Salad Pea—Eat Pods and All

62 days, 2 ft., 3 in. pods, round seed. Distinct variety with edible pods, cooked and eaten like snap beans when young. Very tender, stringless and rich flavored. Wilt-resistant, small seeded and a great favorite. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. Postpaid. Supply limited.



(329) Hastings' Genuine Heavy Bliss Everbearing

## MAIN CROP — HEAVY BEARERS

## 329 NEW BLISS HEAVY EVERBEARING

70 days to picking, 3 ft. tall, 3 in. pods, wrinkled seed. The greatest favorite among our customers for home gardens and nearby markets. Pods contain 4 to 6 wrinkled peas, of very fine table quality and rich marrowy flavor. Size of peas very large, frequently ½ in. across, when mature are light green, flat and wrinkled. Vines branching, forming as many as ten stalks to a single root, standing in double rows without support. This variety is noted for its continuance of bearing. Even after repeated picking the vines continue to develop blossoms which mature fine peas. Vines are resistant to Fusarium wilt and it is a most satisfactory home and market garden standby. Most popular variety on our whole list. ¼ Lb. Packet, 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 319 LAXTON'S PROGRESS, Dark Podded

62 days, 1½ ft. 4½ in. pods, wrinkled seed. Largest pods of handsome deep green color. Ideal market variety of the Laxtonian group. Superb for home gardens as well. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## Field Peas for Table

### 333 Dixie Sugar Crowder

Heaviest bearer of long pods, crowded with large, plump, creamy brown, mildly flavored, delicious peas that may be eaten green or mature. Finest of all Crowders. Many prefer these to English peas ¼ Lb., 15c. Only one per customer, please. Very short

### 340 Large Black Eye Peas

Grow your own for summer use green and winter use dry. You'll buy them if you don't. ¼ Lb., 15c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.25. 10 Lbs., \$2.00. Postpaid.

### 399 Early Ramshorn

### Wilt Resistant Black Eye Pea

New early maturing, heavy bearing strictly wilt resistant black eye ramshorn. Heaviest yields of dry peas for immediate use or storage. ¼ Lb., 15c. Lb., 40c. 2 Lbs., 70c. 5 Lbs., \$1.50. 10 Lbs., \$2.50. Postpaid.

## EDIBLE SOY BEANS

We are offering this year early, medium, and late maturing varieties of these wonderfully nutritious beans. They are a real balanced diet in themselves, exceedingly rich in health giving vitamins. See page 2 for descriptions.



(327) Improved Tall Telephone

## Hastings' Imp. Telephone

327 72 days, 4-5 ft., 4½ in. pods, wrinkled seed. Profitable to home and market gardeners. It must be supported; immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent sugary flavor. Vines and foliage strong and heavy. Pods straight, broad and pointed, containing 8 large peas. Resistant to Fusarium wilt. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 332 Champion of England

76 days, 4½ ft., 3 in. pods, wrinkled seed. Richest, best flavored late, for home gardens. Plump, straight, blunt pods contain 7 large peas. Vines are heavy and vigorous. Well-known favorite variety. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 328 Hastings' Home Delight

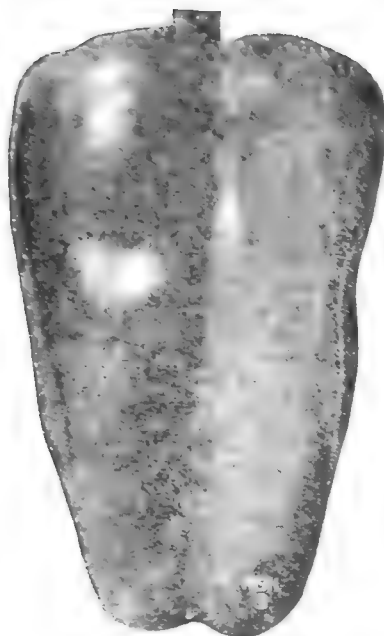
64 days to picking, 2 ft. tall, 3¼ in. pods. Strong, vigorous grower with stiff, stocky growth so it stands without brushing in double rows. The sweetness, tenderness and heavy-bearing give satisfaction. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.

## 321 Big White Marrowfat

82 days, 5 ft., 3 in. pods, round seed. Strong growing variety for dry peas. Wilt-resistant; pods plump, straight, blunt, with 6-7 large, creamy white peas for shelling dry only. ¼ Lb., 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 5 Lbs., \$1.65. 10 Lbs., \$3.00. Postpaid.



# INTRODUCING TRUHART PIMIENTO



(353) Improved King Pepper


## 358 New Truhart Pimiento

70 days from plants; size 3 1/2 x 2 1/2 in. Top shaped. All-America winner. Developed by the Georgia Experiment Station, this new pimiento strain positively tops them all in sweetest flavor and thickest, tender flesh to make the most delicious of all vitamin rich salads. These mild fruits may be used green or when red ripe in fresh salads, but for canning it is best fully red ripe. This delicious pepper may be eaten raw like an apple, it is so free from the usual pepper pungency, or it can be stuffed and baked like other peppers. This new development will bring thousands of dollars added income to our Southern commercial pimiento industry and it can be profitable to you in your garden. We recommend it unreservedly. Pkt., 15c. Oz., 75c. Supply very limited this year.

## 352 RUBY KING PEPPER

67 days from plants; size 4 to 5 x 2 1/2 in. A leading variety of sweet pepper for home and market. Vigorous grower with large, sweet, mild fruits. Fruits deep green when young, turning bright red. Mild, thick flesh, fine for mangoes or stuffed peppers. Pkt., 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Postpaid.

## 353 IMPROVED KING

 Special Mention, 1935 All-America. 68 days from plants; size 5 1/4 x 3 1/2 in. Fine elongated Ruby King type of early, pedigreed stock. Bred for size and uniformity. Fruits are broader at base, longer, 3-lobed and smooth. Color is dark green, turning to bright deep red at maturity. Flesh is thick, sweet and mild. Plants are held erect and are productive. Its uniform size, color and shape make it particularly desirable for market gardeners for the early markets. Much better than Ruby King. Packet, 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Postpaid.

## 351 HASTINGS' MIXED SWEET AND HOT PEPPERS

A packet of mixed peppers gives you a great variety of both sweet and hot kinds in your garden. The hot varieties have smaller, narrower leaves than the sweet kinds. Pkt., 10c. 3 Pkts., 25c.

## 350 Sweet Banana

All-America Winner. Very early, prolific long, pointed, golden yellow pepper with thick sweet flesh. Pods turn red when fully mature, presenting a very beautiful appearance and delightful in salads. Pkt., 15c. 2 Pkts., 25c.

## HASTINGS' VITAMIN RICH PARSLEY

Fresh Parsley contains huge amounts of Vitamin A.

**CULTURE**—Parsley succeeds best in a rich loamy soil provided with plenty moisture as it takes 3 to 4 weeks to sprout. Soak seed over night before planting and drill lightly in rows 2 feet apart, thinning to 4 to 6 inches. 1 Oz. plants 200 ft. Use 3-4 Lbs. per acre.

## 308 TRIPLE MOSS CURLED PARSLEY

Compact growth, leaves of darkest green and most heavily curled of all strains. Without doubt the best for attractive garnishing. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

## 310 Plain Leaved Parsley

Grown almost entirely for seasoning. A very heavy producer of dark green leaves and quite hardy. Pkt., 10c. Postpaid. Supply very limited.

## 311 HOLLOW CROWN PARSNIP

Planted in rich, deep, loamy soil this variety makes a very large, smooth, white and tender root that cooks up for an enjoyable addition to any meal. A heavy producer. Pkt., 10c. Oz., 25c. 1/4 Lb., 75c. Lb., \$2.50. Postpaid.



(358) Hastings' Truhart Pimiento  
The Canning Favorite

Green Pepper's Contain Vitamins A and B1.

**Culture** Pepper seed does not germinate freely in a temperature of less than 65 degrees, hence should be started in hot beds, in protected boxes or else planting deferred until the ground gets well warmed up in the spring. When plants are 3 or 4 in. tall and danger of frost is past, they may be set in the open ground in rows 2-3 feet apart, 18-24 in. apart in the row. A top dressing of complete fertilizer when 6 or 8 in. tall is beneficial. As plants begin to produce fruit draw the earth up around stems as a partial support.

Sweet Peppers can also be sown in July and August in Florida for the fall shipping crop, many finding this more profitable than spring shipping crops. Plant hot peppers as far away from sweet peppers as possible. They cross easily and sweet peppers will be rather hot if planted too close. In spring planting, 1 ounce of Pepper seed will usually make about 1,000 good strong plants. 1/2 Oz. plants 200 ft. row; use 1/2 Lb. or more for plants per acre.

## 356 Large Bell or Bull Nose

66 days from plants; size 3 x 2 3/4 in.

The old standard variety for home use. Mildly pungent, sweet flavor, our earliest bell type Pepper and a heavy producer of fruits. Fruits are blunt shaped, bull nosed, deep green when young and bright crimson when mature. Packet, 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.50. Lb., \$5.00. Postpaid.

## REAL HOT PEPPER

### 349 Long Cayenne—Hot

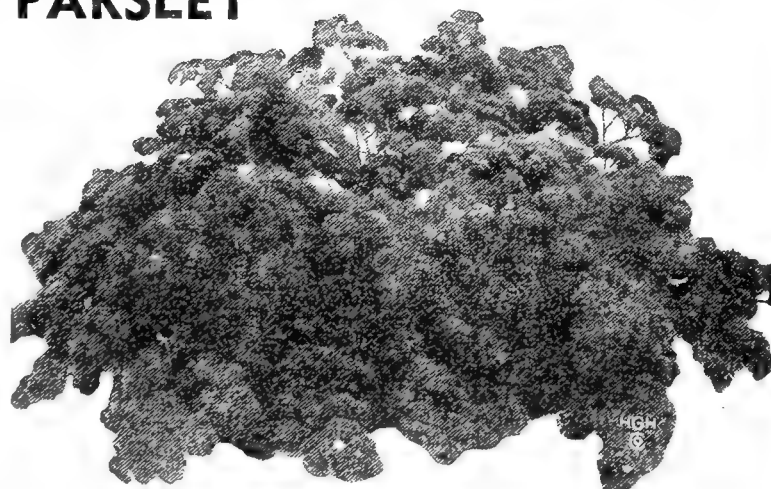
**HOT.** 63 days from plants; size 4 x 1/2 in. Our Long Cayenne is a burning hot pepper. Larger than Red Chili but just as hot and pungent. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25.

### 347 Anaheim Chili—Warm

**WARM.** 77 days from plants; size 6 1/2 x 1 in. Mildly pungent. Long, highly desirable Pepper. Not too hot but pungent enough to add pepper flavor to any salad. Excellent for table use and canning. Largest pungent variety. Packet, 10c. 1/2 Oz., 35c. Oz., 60c. 1/4 Lb., \$2.00. Postpaid.

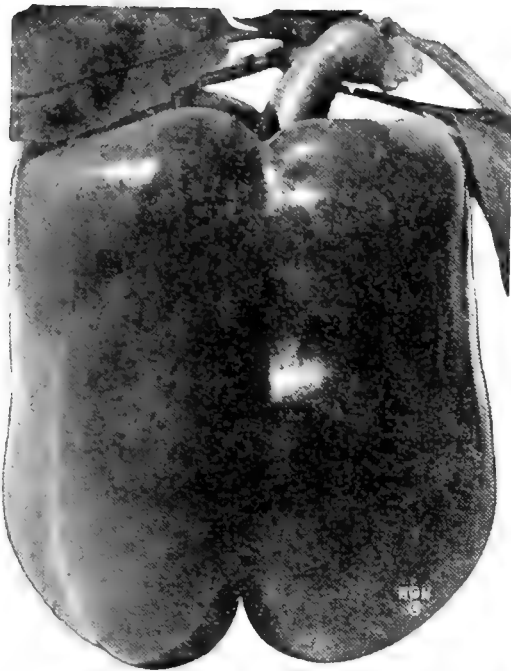
### 354 RED CHILI—Red Hot

**HOT.** 80 days from plants; size 2 x 1/2 in. A well known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25.



(308) Hastings' Triple Moss Curled Parsley, 10c





(346) California Wonder Pepper

### 346 HASTINGS' SUPERB CALIFORNIA WONDER

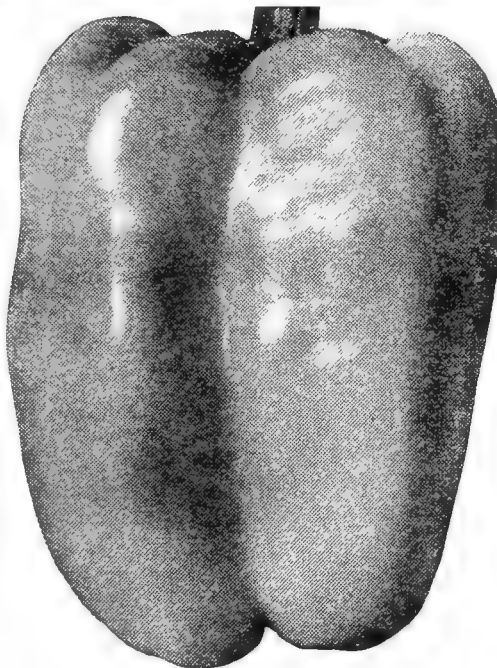
73 days from plants; size  $4\frac{1}{2} \times 4$  in. The greatest Pepper ever introduced. Nearly as large and earlier than true Chinese Giant, now almost extinct. Very large, square-shaped, 3-4 lobed, very mild, sweet, the thickest flesh and heaviest fruits of all Peppers. It packs well, ships well, holds up well; is exceptionally prolific and a true money maker for the grower. It sits upright, is ideal to stuff and bake or to serve whole, filled with salad. Plants are of stocky, strong, erect growth. Fruits are uniformly regular in size and shape and well filled out. Our picture is of a green, first set fruit in a seed crop on Hastings' Plantation, of course reduced in size. It changes to a brilliant light crimson color at maturity. Pkt., 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.00. Postpaid.

## You Must Have a Few HASTINGS' SWEET BELL PEPPERS

SELECTED SOUTHERN STRAINS

### 359 RUBY GIANT

73 days from plants; size  $5 \times 3\frac{1}{2}$  in. Cross between Ruby King and Chinese Giant, having the good qualities of both. It is attractive, grows to large size, is exceptionally mild, and when ripe is bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw. The plant is vigorous and erect, prolific and fine, large sweet pepper for stuffing. It is splendid for home gardens and a quick basket filler for the market gardener. Pkt., 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00.



(359) Ruby Giant Pepper



(357) Royal King—Best Garden Pepper

### 357 HASTINGS' SPECIAL ROYAL KING PEPPER

SUPERB FOR HOME OR MARKET

73 days from plants; size  $4\frac{1}{4} \times 3\frac{3}{4}$  in.

Our own introduction. While a superb sweet Pepper for home and market use, we want to especially call the attention of the trucker or shipper to its regularity of size and shape, making it a variety for good packing and fine appearance on the markets. This will assure you a top price seller at all times.

It is very prolific, bright and glossy, of large size (the illustration above shows the fine natural shape and type), the flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size and plants are of strong, stocky, erect growth. It is a native Southern Pepper, originated right here and made good from the start. Taste it raw, stuff it with meat and bake it and fill it with salads for the table. We believe you will agree that it is a bell-type Pepper you have been looking for. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6. Postpaid.

### 355 WORLD BEATER

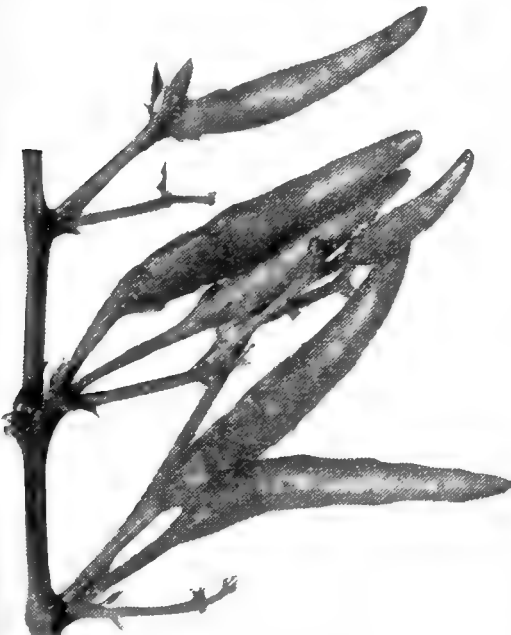
73 days from plants; size  $5 \times 3\frac{1}{2}$  in.

Outstanding strain of Hastings' Royal King type, now extensively grown. Vigorous grower, sure-cropper and very prolific. Fruits turn a beautiful scarlet, exceedingly mild; flesh thick and firm and an excellent shipper. Slightly more elongated than Royal King and slightly larger. Taste it raw, stuff it with meat and bake it, or fill it with salads. Its attractive appearance assures it on the market. You can't go wrong with World Beater. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00. Postpaid.

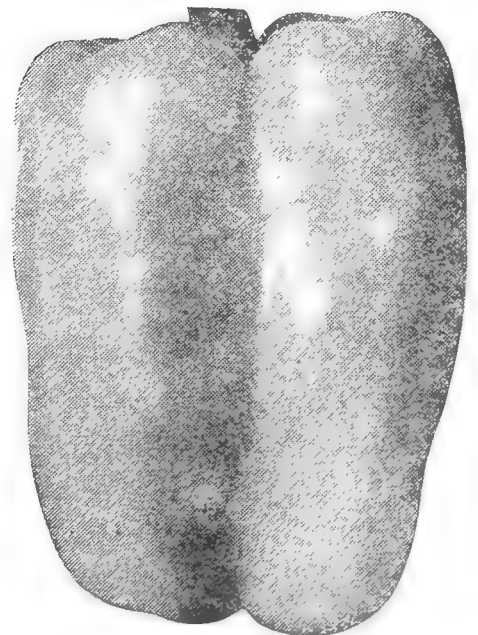
### Be Sure With Hastings

Since 1889 Hastings has been in the business of supplying good seeds, plants and bulbs particularly for Southern Gardens and Farms.

The strains that are best suited to Northern or Western soils and climate are not always best for Southern planting and are of no special interest to us. But those that are suited for our Southern conditions command our special attention at all times and are offered to you on the pages of our catalogs.

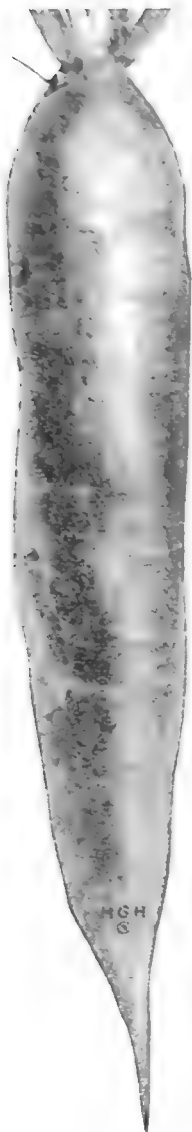


(349) Long Cayenne—Very Hot (p. 30)

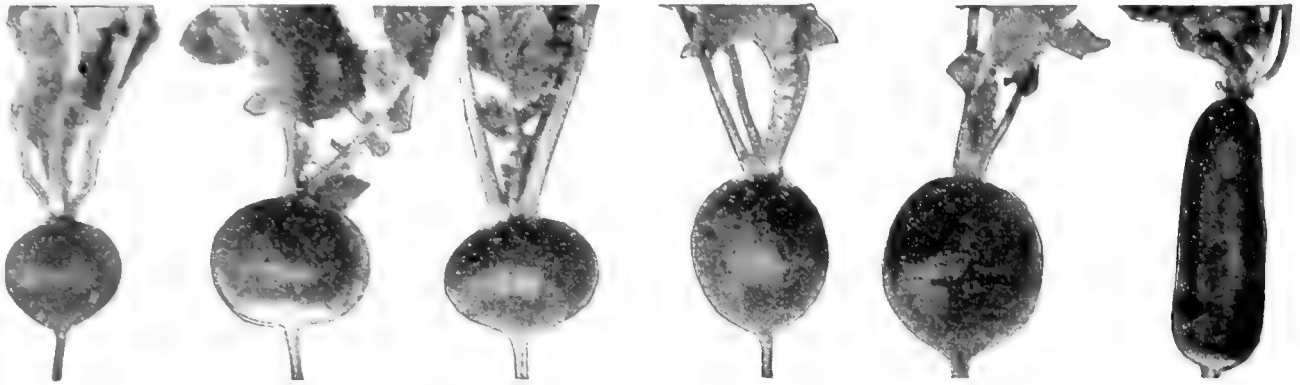


(355) World Beater—for Markets

# IT'S NOT A GARDEN WITHOUT RADISHES



(376) Our Early Long Scarlet



Globe

(375) Rosy Gem

(381) Scarlet Button

(372) Globe

(378) Crimson Giant (389) French Breakfast

## 375 Rosy Gem-The Home Garden Favorite

26 days, 1-1/4 in. Also called "White Tipped Scarlet Ball." A favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. Earliest, globe shaped, with rich, deep scarlet top, shading pure white at bottom. Tender and crisp. Packet, 5c. Oz., 10c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 381 Scarlet Button—Round Deep Scarlet

26 days, 1 in. Often called Scarlet Turnip. Round form, deep scarlet skin; mild flavor; crisp and tender; short narrow leaves, making a very small top. The round or button type is the most popular of garden radishes. Pkt., 5c. Oz., 15c. Postpaid.

## 378 Crimson Giant—For Radish Appetites

28 days, 1/4x1 1/2 in. Little longer, brighter color and twice the size of Scarlet Button. It grows quickly and remains tender and of fine flavor. A money-maker for market gardeners, as its bright crimson color sells on first sight. Equally valuable for home use where a little larger Radish is desired. Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 387 MIXED RADISHES SAVE SPACE

Our Mixed Radishes are early, medium and late, the round, half long and long, giving a succession of crisp, tender Radishes through the season. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 376 HASTINGS' EARLY LONG SCARLET RADISH

26 days, 5-6 in. long. Most popular of all long radishes in the South for garden use and market. Tops small, roots 6 in. long and tapering to a decided point; color an intense bright scarlet. Flesh is glistening white, crisp and tender and when grown rapidly is free from pungent taste. Most handsome bunching variety for market and the best elongated variety for all purposes. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## TRY WINTER RADISHES IN YOUR GARDEN

### 377 China Rose

**WINTER RADISH**—52 days. Skin a deep rose color, flesh pure white crisp, of pungent flavor. Good keeper. Roots blunt at ends, 5 in. long. Packet, 5c. Oz., 15c. 1/4 Lb., 35c. Lb., \$1.00. Postpaid.

### 386 Black Spanish

**WINTER RADISH**—56 days. Roots round, 3 1/2 in. across, crisp white flesh and black skin. Pkt., 5c. Oz., 15c. 1/4 Lb., 40c. Lb., \$1.25. Postpaid.

## 382 Long White Icicle

26-27 days. Clear white, 6 in. long, slender and tapering. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., \$90c. Postpaid.

## 389 French Breakfast

25 days, 2 in. long. Tender and mild, favorite early half-long variety for home and market use. Bright red with white bottoms. Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## YOUR 1945 GARDEN!

Garden production is again vital in 1945 to help win the Peace as well as the war. Peoples in freed countries are calling for food until they can resume self sustenance and America is the only source of supply. Canned vegetables will be needed for this great humanitarian purpose as well as to keep up our fighting forces, leaving to us the duty and privilege of growing our own. The U. S. Dept. of Agriculture again calls upon the nation's gardeners to keep up their magnificent production records of the war years, to maintain home supplies and to contribute to greater healthfulness to our nation.

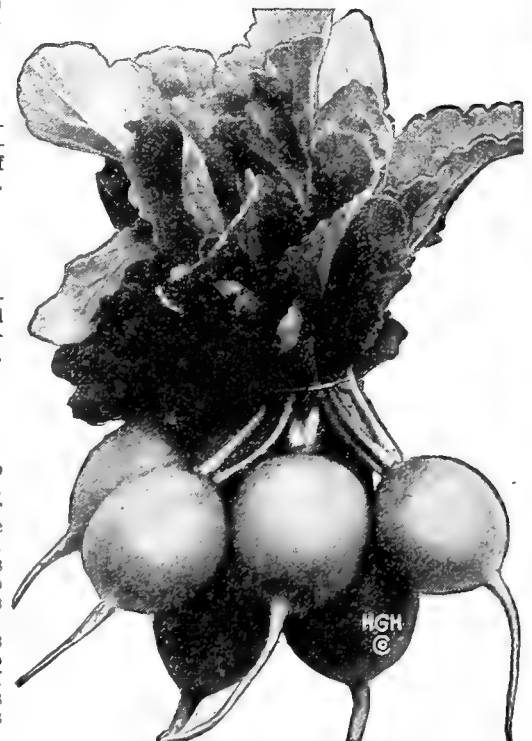
Our job is before us once again!

Radishes Contain Vitamin B1.

**CULTURE**—Give rich, loose, moist soil for growing quickly. Crisp, tender flesh depends on rapid growth. Successive plantings should be made every 10 days to keep up a supply. Sow thinly in drills one foot apart; cover 1/4 inch. Sow winter Radishes Aug. to Sept.; others any time to mature before frost. Oz. sows 100 ft. row; 10 to 12 Lbs. per acre; maturity 3 to 6 weeks.

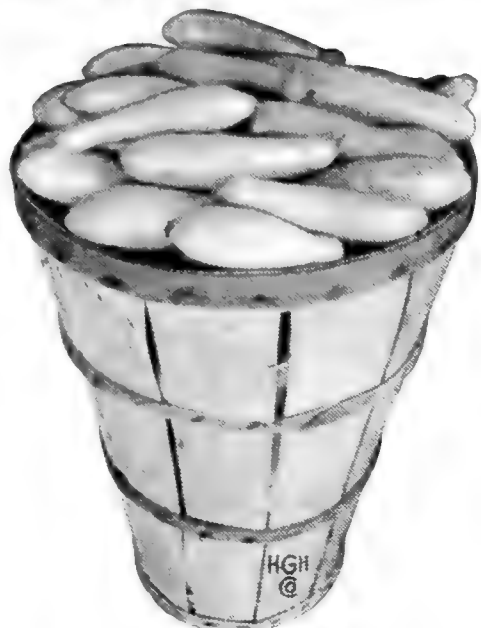
## 372 Early Scarlet Globe

24 days, 1-1/4 in. Slightly olive shaped, almost globe shaped roots, with white, tender, crisp flesh and rich, bright scarlet-red skin. Especially recommended as a large, first early forcer and is very desirable for first early planting outdoors for home garden and market. The big demand for a large early round Radish is certainly filled with our Early Scarlet Globe. Uniform color, shape, fineness of top, time of maturity and unsurpassed in quality. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.



(372) Early Scarlet Globe Radish

# MAKE YOUR 1945 GARDEN PROFITABLE WITH SQUASH!



(429) Early Prolific Straightneck  
The new garden and market favorite

## BAKING SQUASH



(422) Acorn or Table Queen Squash, 10c

## 430 Golden Table Queen Golden Yellow Acorn

65 days. 1939 All-America Winner. A beautiful golden counterpart of the delicious baking squash described and pictured above. Of the same size, shape, and sweetness of flesh, this new variety makes a grand companion to Table Queen. Pkt., 10c. Oz., 25c. 1/4 Lb., 75c. Lb., \$2.00.

## 422 TABLE QUEEN OR GREEN ACORN SQUASH

65 days. A distinct variety rather new to the South but widely planted elsewhere. Attractive dark green, ribbed squash, tapering in shape. Light orange sweet and dry flesh, excellent for baking. Pkt., 10c. Oz., 25c. 1/4 Lb., 75c. Lb., \$2.00. Postpaid.

Fresh Squash Contains Vitamins A and B1.

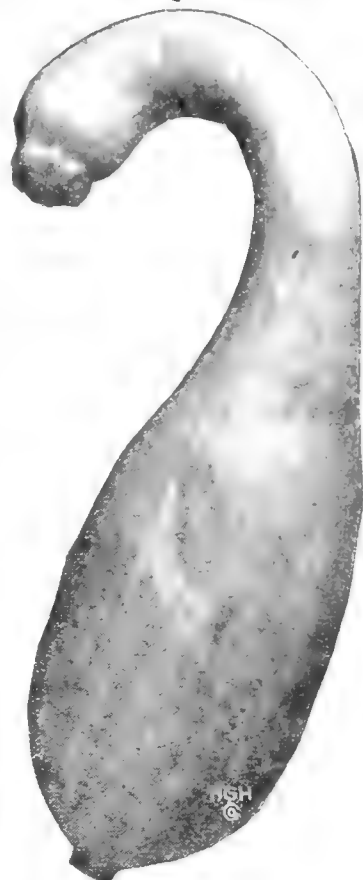
**Culture** Squash will not stand frost and cold nights, hence plant after danger of frost. Work the soil deeply before planting. For bush or summer varieties, hills should be 3 to 4 feet apart each way; 6 to 10 seeds in each hill, covering seed about 3/4 inch. Thin out to 2 plants after rough leaves are formed. One or two shovelfuls of well-rotted manure to each hill, thoroughly worked into the soil, is advantageous. Keep surface soil loose, but do not disturb the plants while bearing. Keep the Squash picked off as soon as ready for use, as this keeps the plants bearing longer. Oz. plants 25 hills; use 4 Lbs. per acre. Running Squash for fall and winter use should not be planted until June or July in this latitude. Hills for these should be made 8 to 10 feet apart, an ounce planting 12 hills, 2 pounds per acre.

## 429 New Early Prolific Straightneck

The Perfect Market and Delicious Home Garden Squash. 1938 All-America Winner. 48 days. Excellent very early tender and delicious yellow squash with straight necks. Far superior to the coarse, rough Giant Straightneck which it supersedes, this superb new market variety bids to even replace the grand old standby—Early Summer Crookneck. It is perfectly straight with a definite tapering to the stem end, making it ideal for packing and shipping and eliminating the trouble from breaking and so much bruising encountered heretofore. Its tenderness, flavor, and bright yellow color insure popularity with the housewife and therefore we recommend it to you whether for home garden or market. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

## 421 HASTINGS' EARLY YELLOW SUMMER CROOKNECK SQUASH

50 days. Well-known crookneck variety for home and market gardens. Fruits small, of bright yellow color and of very uniform size and shape. It makes an excellent shipper, is fine grained and of good quality, especially desirable for its rich, buttery flavor. We consider this the best Squash. Pkt., 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.



(421) Ey. Yellow Crookneck

## RUNNING OR LATE MARROW SQUASH

Distinct from Bush or Summer Squashes, the vines running 10 to 12 feet and Squashes weigh 6 to 12 pounds. In flavor much richer than the Summer Squashes. For fall and winter use plant in June or July; after cutting, store in cool, dry place until wanted. Ideal for baking in winter.

## 428 Boston Marrow Running Squash

97 days, 12x9 in., 6-8 Lbs. Popular running variety. A very productive fall and winter Squash of medium to large size, oval shape and thin skin. It is generally used for canning and making pies. The fruits when ripe are bright orange, with a shading of light cream color. The flesh is of fresh salmon yellow color, fine grained and of excellent flavor, and not as dry as the Improved Hubbard. A good keeper and shipper. Pkt., 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$1.75.

## 427 Improved Hubbard Running Squash

105 days, 12x9 in., 10-12 Lbs. Not recommended for general planting in the South but does well in some localities. One of the best winter Squashes where it does well. Vines are vigorous and very productive. Fruits are large, heavy, and moderately warted with very hard shells. Skin is dark, bronze green; flesh is bright orange yellow, fine grained, thick and finely flavored. Packet, 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$1.75. Postpaid.

## 424 Early Yellow Bush

58 days, 3x8 in., 2 1/2 Lbs. Identical with Early White Bush or Patty Pan except in color, which is bright golden yellow. Many believe this has more of a rich, buttery flavor and more vitamins than the White Bush. Packet, 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

## 419 Italian Zucchini Squash

60 days, 6x2 1/2 in. at eating stage. Something new and worth-while. A summer Marrow Squash, eaten in green stage. Long, huge cucumber shape; medium green in color with very irregular light stripes; vines bushy and extremely prolific. Edible in 60 days, when 5 or 6 inches long. Try it sure. Packet, 10c. Oz., 25c. 1/4 Lb., 75c. Postpaid.

## 425 Early White Bush

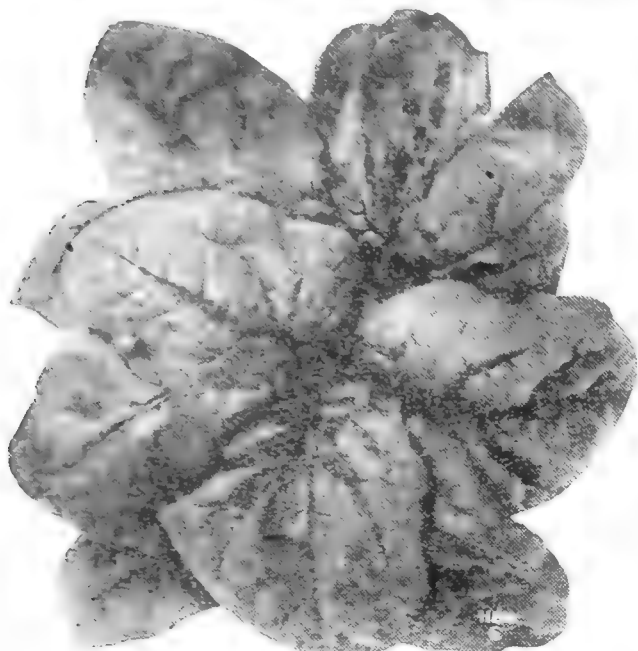
53 days to picking; size 3x8 in., 2 1/2 Lbs. The well-known White Scalloped or Patty Pan Squash. One of the earliest, very productive; skin and flesh a light cream-white. Popular for shipment to Northern markets from Florida and a favorite for home gardeners everywhere. Packet, 10c. Oz., 20c. 1/4 Lb., 50c. Lb., \$1.50. Postpaid.

## 1945 Seed Supply Notice

The liberation of millions of people brings to us the two great problems of feeding them until they are self sufficient, and supplying them seed to enable them to feed themselves as soon as possible. This is taking immense quantities from America, but generally production has been good with only some varieties very short. Please order your needs early for your benefit as well as ours.



# LEAFY GREEN VEGETABLES ARE MOST HEALTHFUL



(411) Hastings' Aragon Spinach, Large, Smooth Leaves

Spinach, fresh from the garden, is rich in Vitamins A and B1.

No plant makes more nutritious greens than Spinach. Thousands eat yeast cakes and tablets to get that body building item—fat soluble vitamins. Of course your body needs vitamins but a couple good size bites of Spinach contains more real health than any artificial tablets you ever ate. The reason people need more vitamins is because people don't eat enough green vegetables.

**CULTURE**—Spinach requires rich soil, the richer the better, and can be sown during January, February and March, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Leaves are usually large enough for eating in 8 weeks. Oz. plants 100 ft. of row. Sow 10-15 Lbs. per acre in 18 in. drills.

## 411 Hastings' Aragon Spinach for Spring

Giant, Smooth, Thick-Leaved Spinach. 45 days. Fine market size, with large, broad, thick, dark-green leaves, lightly crumpled or savoyed and stands a long time before running to seed. The hardiest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Oz., 10c. 1/4 Lb., 25c. Lb., 80c. Postpaid.

## 412 HASTINGS' BLOOMSDALE SAVOY SPINACH

Norfolk Savoy Leaved. 42 days. A valuable variety which is extensively grown, producing large crops of savoyed leaved Spinach. Bloomsdale Savoy is not a new variety but our improved strain, is keeping pace with demands in many markets for uniform, heavily savoyed leaves. It is equally desirable in your own garden. Early and hardy; one of the best for market and canning. Plants of upright growth, leaves of medium size, crumpled or blistered; color glossy dark green. Oz., 10c. 1/4 Lb., 25c. Lb., 80c. Postpaid.

280

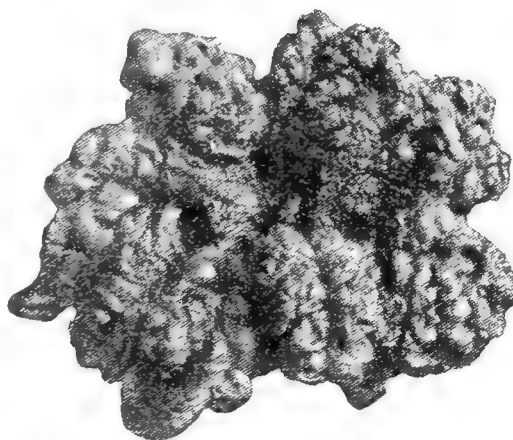
## COMBINATION SALAD

### HASTINGS' BEST MIXED GREENS

Our own well blended mixture of Turnip, Mustard and Rape — properly proportioned to give you fine boiled dinners within a few weeks and many more until you've eaten them all up. There is a distinct advantage in having a combination. A lot of Turnip Greens or a lot of Mustard or Rape every day often becomes tiresome to eat. When all are boiled together you detect your favorites and also an entirely different salad, the combined taste to make you like greens more.

Hastings' Combination Salad is our own mixture—based on the experience of many years supplying the best seeds and strains for the more careful Southern Gardeners, insuring to them many delightful as well as healthful meals.

**POSTPAID** — Ounce 15c. 1/4 Lb., 35c. Lb., \$1.00. Postpaid.



(412) Bloomsdale Savoy Spinach

## 413 Hastings' Improved Nobel Spinach

 Award of Merit, 1933 All-America Selections. Giant Thick Leaved.

45 days. This new giant thick leaved strain is the heaviest producer of thick, rich green leaves and is quite slow in running to seed. Leaves are huge, rounded, lightly crumpled, very succulent, crisp, tender and of delicious flavor. It grows rapidly into the largest Spinach in cultivation and is already superseding other varieties and strains of mammoth thick-leaved Spinach for home gardens, market and shipping. Oz., 10c. 1/4 Lb., 25c. Lb., 80c. Postpaid.

## 416 NEW ZEALAND—SUMMER SPINACH

70 days. An all summer variety growing luxuriantly in hottest weather. Cut and it comes again, a few plants furnishing the finest flavored greens all summer for an average size family. Plant in March or April, after ground gets warm, where plants are to stand.

It does well on poor or rich soil; the plant grows large and spreading and the tender shoots are of fine quality with small, broad pointed leaves. Seeds start growth quicker if soaked in warm water for 24 hours. New Zealand Spinach should be in every Southern Garden as an all summer vegetable. Large Packets, 15c each. Oz., 25c. Postpaid.

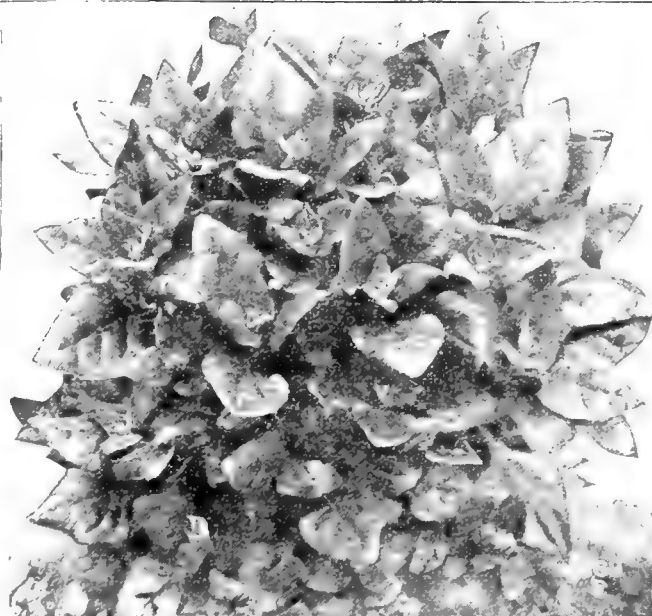
## 400 DWARF ESSEX RAPE GREENS

### The Gardener's Greatest Bargain In Greens

Here is one of the finest vitamin rich, nutritious green vegetable crops for growing at practically all times of year in all sections of the South. Best quality is had from spring, fall, and winter plantings. It is dirt cheap, superb for its quick growth and besides making excellent table greens it is admirably suited for green grazing for poultry and hogs. For such purposes it is unsurpassed.

Rape grows like rutabagas, tops of which it closely resembles. It makes, however, no bulbous roots. Only the young, tender tops are edible for the table, while all tops are good for stock.

Rape is hardy, even to severe cold and may be planted in rows in the garden like turnips (4 pounds per acre), or broadcast 8-10 lbs., per acre, covering lightly in either case. It is ready for use in 8-10 weeks and grows 1-2 feet tall. A fine conditioner. 1/4 Lb. plants 200 ft row. Postpaid. 1/4 Lb., 15c. Lb., 45c. 5 Lbs., \$1.75. 10 Lbs., \$3.00.



(416) Hastings' New Zealand Spinach. Pkt., 15c.



# SPRING TURNIPS ARE AS GOOD AS FALL TURNIPS

**CULTURE**--Turnips are easily grown in early spring as well as late summer and fall in the upper South and in the lower South may be planted all winter. The New Shogoin and Purple Top

Globe are well adapted to spring planting. 1 ounce of seed sows 200 feet of row; 2 to 3 pounds per acre. Ready for use in 8 to 10 weeks. Fresh Turnips contain Vitamins A and B1.



(468) Hastings' Improved American Rutabaga

## 468 Hastings' Improved American Rutabaga

Best and heaviest cropper of all Rutabagas for the South. Fine form, rich purple colored top and light yellow flesh. Flesh is tender, sweet and exceptionally free from hard, stringy nature. Small tops, fine feeding roots, and is the surest and heaviest cropper. We have never had a variety of vegetable that has given such general satisfaction in all kinds of seasons. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 467 Early White Flat Dutch

Medium sized, quick grower. It is flat with very small tap root, flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 15c. 1/4 Lb., 35c. Lb., \$1.00. Postpaid.

## 470 Long White Cowhorn

Long white. Roots long and carrot-shaped, one-third showing above ground. It roots deeply, resisting drought and cold. Flesh pure white, fine-grained, sweet and of excellent table quality. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 479 Special Mixed Turnips

A mixture of all varieties of Turnips and Rutabagas listed by us, giving a variety of turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 477 Seven Top for Salad

The "salad" variety so largely planted in fall for greens during winter. It furnishes wonderful greens very quickly in spring, and being so hardy and resistant to cold weather it is an excellent variety for earliest sowing even when soil is quite cool. Seven Top does not make bottoms or turnips but the greens have the best flavor of any variety. Packet, 5c. Oz., 10c. 1/4 Lb., 25c. Lb., 75c. Postpaid.



(478) Japanese Shogoin Turnip

## 478 Japanese Shogoin

Best combination variety for both root and tops for greens. Furthermore, it is Louse Resistant and holds its heavy crop of leaves up off the ground. Bulbs or roots are all white, sweeter and milder than most Turnips, of excellent flavor, tender, fine grained and extremely popular. Leaves are large, thick, juicy, very succulent, tender and of finest mild turnip flavor. It gets a start and withstands hot, dry weather as well as cold, wet weather. Packet, 5c. Oz., 15c. 1/4 Lb., 35c. Lb., \$1.00. Postpaid.

## 476 Extra Early White Egg

A good dependable Turnip. Skin and flesh pure, snow-white; solid, fine-grained, sweet. Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 465 Extra Early Milan

Earliest of all Turnips. Flat, purple topped, Perfect in shape and color; sweet and fine grained. Packet, 5c. Oz., 20c. Postpaid. Supply limited.

## 466 Early Red or Purple Top

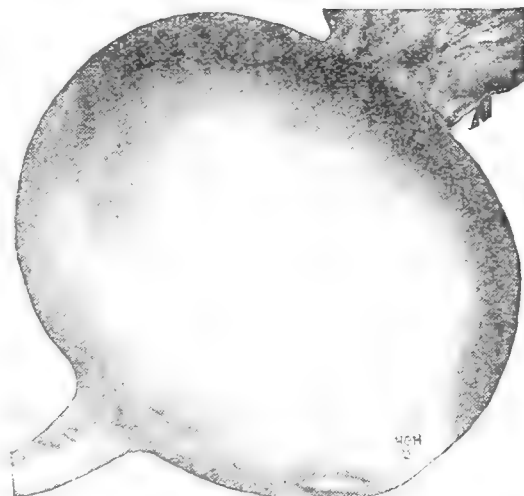
Purple Top Strap Leaf. Early flat Turnip, almost identical with Early White Flat Dutch except for the purple color of the skin at top of bulb. Quick grower, with fine-grained, sweet-flavored flesh. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 469 Yellow or Amber Globe

Yellow Stone. Best yellow fleshed Turnip. Globe shaped, fine grained, sweet and a good keeper. Heavy cropper. Packet, 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid.

## 475 PURPLE TOP GLOBE

Our most popular variety. Medium early, globe shaped, handsome appearance and heavy cropper in all the South. Flesh exceptionally fine grained, tender and sweet, keeping well in home gardens and stands shipping very satisfactorily. Greens highly flavored, sweet and tender, bringing best market prices. For home use or market. Always good quality, good keeper and seller. Pkt., 5c. Oz., 15c. 1/4 Lb., 30c. Lb., 90c. Postpaid. Supply very limited.



(475) Hastings' Purple Top Globe Turnip

## PEACE AS WELL AS VICTORY CHALLENGES 1945 VICTORY GARDENERS!

The difference between plenty and acute shortage this past season has been credited, by our governmental authorities, to the combined productive efforts of some 20,000,000 Victory Gardeners. 8,000,000 tons of fresh vegetables produced in the back yards of the nation supplemented the smaller supplies from market gardens and truck farms caught short by manpower problems and faced with greatly increased demands. Hundreds of thousands of cans and jars put up in home or community canning plants are yet stored in our pantries to cushion these winter shortages that otherwise would certainly be crucial and might seriously interfere with our war effort both at home and overseas. The news,

at this writing, is that of increasing square miles of territory, overrun and dominated by our enemies, being freed by our gallant forces. Until these emaciated peoples can be put on a self supporting basis, they must be fed, and mostly with food from America. We have the tremendous combined opportunity and responsibility of seeing this job through. We must complete the winning of the war and peace as the same United People we were on December 8, 1941, the day after Pearl Harbor. One very real contribution we can make is to have another big Victory Garden production in 1945. The size of our garden space may be lim-

ited, but, by careful planning, its productive capacity can be increased by as much as a half or more. But the point of this story is that you, along with us, are in a real public service, and we both must bend every effort, we to serve you, and you to plant and grow the necessary food, that will very possibly be the greatest deciding factor in what kind of Victory we shall win and just what type of Peace will be written to follow. We both have terribly important jobs to do again this year. We are ready to serve you to the best of our human ability to do so, but we cannot move until you let us know your needs. Please don't wait until the last minute!

# TOMATOES — THE GARDEN'S MOST IMPORTANT CROP GROW PLENTY IN 1945



(444) Hastings' Extra Early Prolific Tomato—Special Strain 15c

## HASTINGS' FAMOUS EXTRA EARLY PROLIFIC RED TOMATO (EARLIANA TYPE)

**444** 65 days from plants, scarlet fruit. Earliest, most prolific, smoothest, largest size of all extra early tomatoes. For the market gardener it insures earliest in market; for the home garden the first ripe tomatoes in the neighborhood. Vigorous grower and sets fruits from the first bloom. It has open foliage, and fruit, 2½ to 3 in. across, color quickly to a deep, rich red. Great cluster habit and we have seen as many as 34 good-sized, smooth, ripe tomatoes on a single plant. Packet, 15c. Postpaid. Supply very limited.

## 439 BONNY BEST TOMATO

OR CHALK'S EARLY JEWEL

74 days, scarlet fruit. For home garden and early market. Vines are vigorous and produce a good crop of round and smooth deep fruits in clusters in middle of plant. Bright red and of good quality. Crop ripens uniformly and fruit is of superior solidity and interior color. Desirable for gardeners whose trade demands beautiful shape and color. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. Postpaid.

## 442 JOHN BAER TOMATO

70 days; scarlet. Medium sized; flesh firm, quality and color excellent. Smooth, nearly round; vines of medium height and open growth, hardy and very prolific. Mild flavor, tough skin; valuable for market gardeners, canners and shippers. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. Postpaid.

Fresh, ripe Tomatoes are Rich in Vitamins A, B1, and C.

**TOMATO CULTURE.** Allow 4 to 5 weeks for seed to make plants for setting out. Tomatoes vary considerably in time of maturity according to both variety and season. Extra earlies such as Hastings' Extra Early Prolific mature from spring plantings in 85 to 90 days, late sorts like Stone in 110 to 115 days. In the Atlanta latitude start seed in hot-beds or boxes in the house between February 15 and March 1. Give plenty of light and space between the plants or they will be weak and spindling. Scatter seed in bed or box thinly and cover with about ½ in. of soil. Transplant to open ground as soon as danger of frost is past. Before transplanting, break the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 ft. apart each way; give clean cultivation. As plants grow it is best to tie them to stakes and thin out the leaves so the sun can penetrate and ripen the fruit quicker. A second seed planting made in May will make plants that begin to bear in August and continue until frost. **Oz. makes about 1,000-2,000 good plants.** Use ¼ Lb. seed for 6,000 plants per acre. Plant only wilt resistant varieties where tomato wilt exists in the soil. Spray blossoms with Fruitone to insure set of fruit. Treat seed with Semesan. Trial package, 10c; enough for several pounds seed.

## TOMATO SEED CRITICALLY SCARCE! Storm Damage Cuts Crop Very Short

The supplies of seed of the most important crop in the Victory Garden—Tomatoes—are very short this year, due to unfavorable growing conditions together with man power shortage at harvest time. Available supplies are ample only if all gardeners plant for their actual needs only—sharing their extra plants with neighbors.

## 456 IMPROVED LOUISIANA PINK

WILT-RESISTANT

75 days from plants, pink fruit. Developed by the Louisiana Experiment Station from a cross between Acme and Earliana. Claimed to have produced more on Louisiana wilt-infested lands than any other variety. Very heavy bearer of smooth, pink, medium sized fruits. Skin is medium thick and flesh is very firm; seed cavity small with few seeds; good flavor. Medium early and satisfactory for market or home use. Packet, 10c. ½ Oz., 35c. Oz., 60c. Postpaid. Supply very limited.

## 447 PRITCHARD-SCARLET TOPPER

WILT-RESISTANT

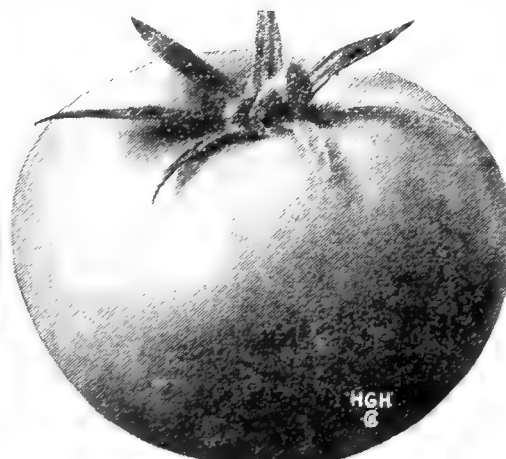
72 days. 1933 All-America. Several days later than Break O'Day; disease-resisting, heavily productive, self topping. Large, smooth, globular, solid, thick walled and heavy scarlet fruit. Wonderful market garden and shipping Tomato as well as for home use. Pkt., 10c. ½ Oz., 35c. Oz., 60. ¼ Lb., \$2.00. Lb., \$7.00. Postpaid.

## 464 GULF STATE MARKET TOMATO

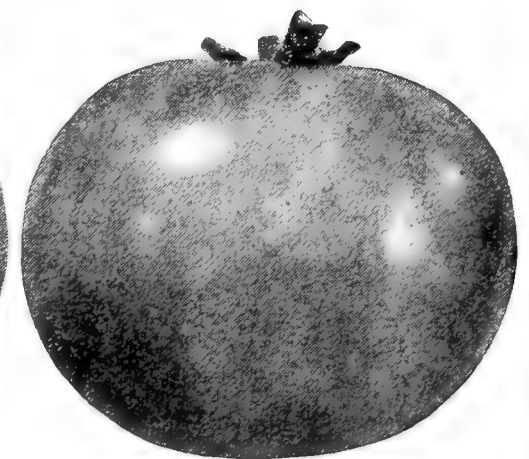
78 days, pink fruit. This excellent variety was developed in Mississippi and found to be the best shipping Tomato ever grown there. Vines are very strong and withstand bad weather; it is resistant to blight. Fruits are almost true globe shaped and free from cracks and blemishes at the blossom end. Fruits in the same cluster ripen uniformly, economical to pick, and color is rich purplish pink right up to the stem after picking. In trials it outyielded in number of fruits and in bulk all other shipping varieties. We offered it in 1924 for the first time and reports from its success have been general. It is primarily for growers who ship but its many desirable characteristics make it a splendid tomato for local market and the home garden. Pkt., 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. Postpaid.



(464) Gulf State Market, Purplish Pink, 10c



(439) Bonny Best, Early Scarlet-Red, 10c



(460) Early June Pink, 10c

# 451 HASTINGS' NEW MILDGLOBE TOMATO

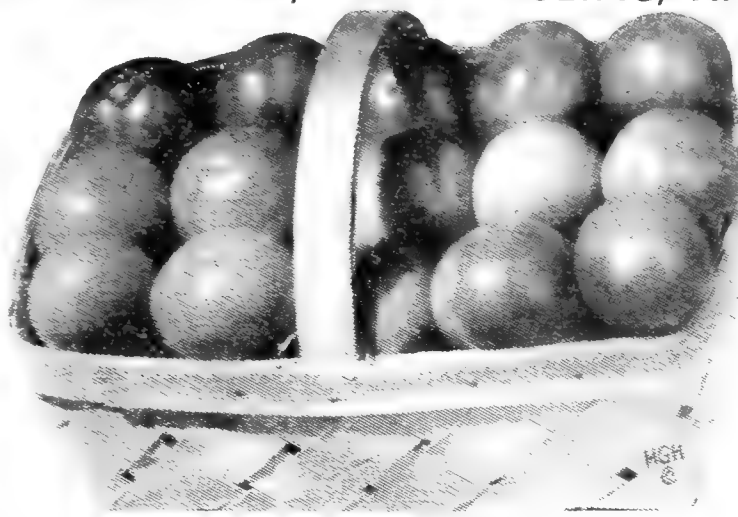
*The Super Smash Hit of Southern Victory Gardens*

**EXTRA MILD, EXTRA DELICIOUS, EXTRA PROLIFIC, AND WILT-RESISTANT**

75 days. This superb new introduction of Hastings climaxes a long and brilliant record of achievement in the gardening and farming world. Its outstanding distinction is its heavy and continuous production of superbly formed, medium to large size, round or globe shaped pink fruits with the most delicious, tender meaty flesh and extra mild flavor imaginable.

Mid-season in maturity Hastings' Mildglobe just keeps blooming and fruiting week after week, and, properly handled in feeding and pruning, can be made to produce a bumper fall crop as well. Mildglobe responds beautifully to staking and pruning, having very heavy, deep green foliage to protect the fruit from possible sun scald.

Many folks have had to give up the pleasure of eating the superb



(451) Hastings' New Mildglobe Tomato

red or scarlet tomatoes that we offer, because of the acidity which frequently causes skin irritations. Mildglobe is the answer to many because of its near freedom from such acid and still retains the excellent vitamin content to help materially in a nutritious balanced diet for you and your family.

Why be content with some of the old, common run-out strains of tomatoes, when it's possible to grow these newer, finer, healthier ones that are offered on these pages, including Mildglobe.

Superb for serving fresh upon your table or for canning, we unhesitatingly recommend to you our new wilt-resistant Mildglobe tomato as being our finest garden introduction in many years. Packets, 15c. 1/2 Oz., 50c. Oz., 90c. 1/4 Lb., \$3.00. Lb., \$10.00. Postpaid.

## A GARDEN FULL OF WILT-RESISTANT RED TOMATOES ALL SUMMER FOR 25c

25c for 1 regular packet each. Postpaid.

Scarlet Dawn, Hastings' Everbearing Scarlet Globe and Super-Marglobe, finest Wilt-Resistant. Fully described and illustrated in detail on this page. Plant these finest wilt-resistant tomatoes and be sure of a good crop to last all summer. Insure your family a supply of Nutrition Vitamin C, as well as Vitamins A and B1, with this collection.

### 459 SCARLET DAWN

**WILT-RESISTANT**



Gold Medal, 1935 All-America 68 days from plants, scarlet fruit. Cornell and Conn. Experiment Stations also gave it an Honorable Mention its first year. We recommend it above all other early market varieties and for home gardens as well. It looked mighty good to us even in comparison with our finest strain of Marglobe for main crop.

Scarlet Dawn is of deep Marglobe-red color, globe-shaped, earliest maturing, a heavy and continued bearer of beautiful fruits. Vines are strong, foliage open but ample to prevent sun-scald, with large clusters of medium-large, heavy, meaty fruits. Tomatoes have thick walls, small core and excellent flavor for slicing. Best and safest early variety for home, trucker and shipper. Packet, 10c. Supply critically short.

### To Set Better Crops Spray With Fruitone

When conditions are unfavorable sometimes it is difficult to get tomatoes to hold their blossoms to set fruit. This can be cared for by spraying with the new hormone substance FRUITONE directly on the blossoms. It's thoroughly proven and perfectly safe to use. Trial package and full directions sent postpaid for 25c.

### 437 New Everbearing Scarlet Globe Tomato

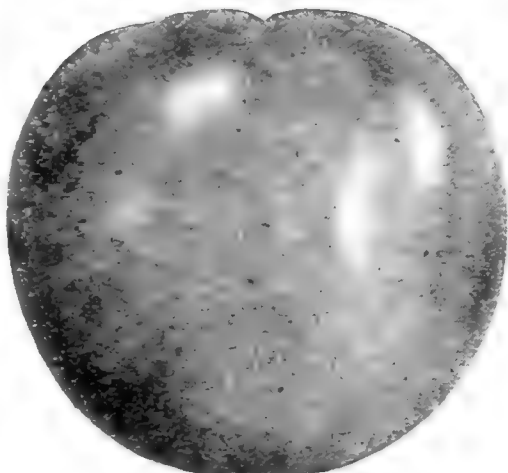
**WILT-RESISTANT**

72 days. Best of all. Wonderful new, smooth, solid, heavy and long bearing, handsome, delicious, scarlet Tomato. It will make you love Tomatoes more than ever—so heavy, meaty, luscious and just the right medium-large size. A week earlier than Marglobe, and the most uniform and everbearing of any we have ever seen. Excellent for home gardens, markets and shipping. Pkt., 10c. 1/2 Oz., 40c. Oz., 75c. 1/4 Lb., \$2.50. Postpaid.

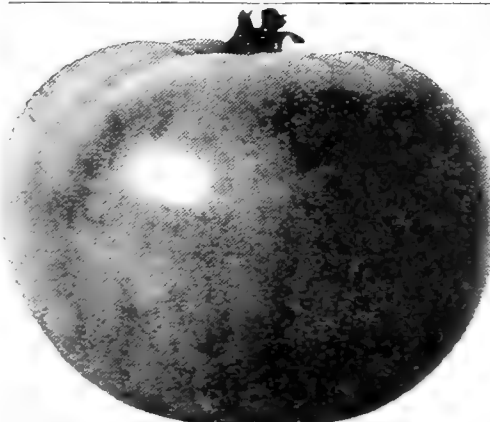
### 462 SUPER-MARGLOBE

**SELECTED AND WILT-RESISTANT**

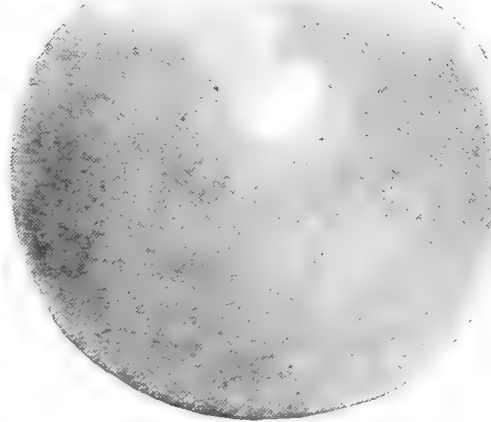
80 days from plants, scarlet fruit. Our newest, super-strain of the great main crop, scarlet-fruited variety, originated by the U. S. Dept. of Agriculture for wilt-resistance. It is also resistant to nail-head rust. Fruits are medium size, smooth, solid and deep from stem to blossom ends. They are in clusters of 5 to 7, on vines with medium to heavy growth. Cell structure is irregular. The popular globe shape, scarlet color, a good cropper, marketer and shipper. Marglobe simply leaped into popularity for the main crop Tomato in wilt territories as the best all-round variety. We believe our strain to be the best and most uniform in existence, and recommend it to you unhesitatingly for home garden, for canning or for market. Selected Seed Only. Packet, 10c. 1/2 Oz., 35c. Oz., 60c. 1/4 Lb., \$2.00. Lb., \$7.00. Postpaid.



(437) Everbearing Scarlet Globe, 10c



(459) Scarlet Dawn, Early, 10c



(462) Selected Super-Marglobe, 10c



# FOR MAIN CROP HEAVY YIELDS IN THE SOUTH



(446) New Rutgers Superb for Garden and Market, 10c

## 446 NEW RUTGERS

### WILT-RESISTANT

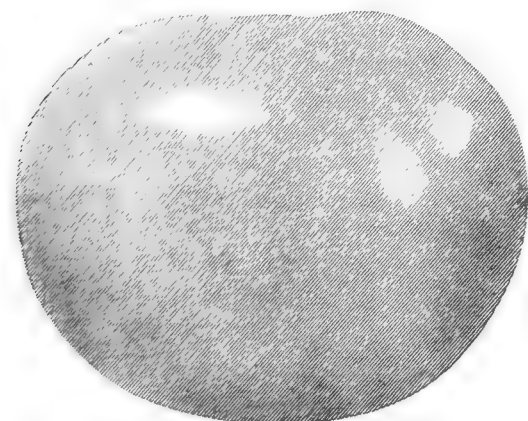
72 days. Scarlet fruit. A very outstanding new Marglobe cross. Our trials indicate its great value for Southern planting. Plant large with thick sturdy stems and vigorous foliage. The fruits are brightest red, smooth with thick walls and small seed cells, ripening from center outward and with a relatively low acidity. Superbly suited for eating fresh, for canning, or for quality juice. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c. 1/4 Lb., \$2.00. Lb., \$7.00. Postpaid.

## 455 HASTINGS' RED ROCK

86 days, scarlet fruit. The best large late red tomato for home use, nearby market or canning. It is extra solid—hence the name of Red Rock. Perfectly smooth, has no superior in texture or flavor and red as a tomato can be. It's a red that goes all the way through. The meat is solid without being hard, and is of the finest flavor. Practically no waste Tomatoes in a crop of Red Rock. Packet, 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00. Postpaid.

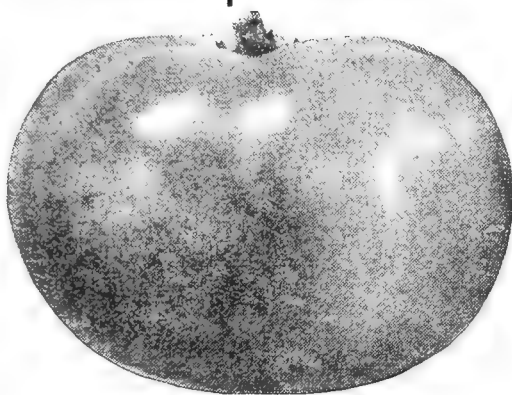
## 449 Improved Stone

86 days, scarlet fruit. A large, smooth, solid, meaty Tomato for all purposes and a splendid variety to furnish late Tomatoes everywhere. The vines are large, vigorous and very productive of uniform sized fruit of deep oval shape, fine for slicing and canning. Ours is the newest improved Southern strain. Pkt., 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00. Postpaid.



(449) Hastings' Improved Stone, 10c

## Tomatoes for Vitamin C



(448) Greater Baltimore—Main Crop, 10c

## Tomatoes for Victory and Peace

### About 1945 Supplies of Quality Tomato Seed

It is with sincere regret that we must advise tomato seed crops again last summer were considerably below normal yields and that we must ask you to conserve supplies to your utmost ability. Purchase only what you know you will need and when the plants are ready to set out, be sure to share any surplus with your gardening friends and neighbors.

You can be assured that tomato seed from Hastings, even though short in supply, is of our usual superb breeding and thus unsurpassed by any in the whole country.

The varieties we offer and the strains we specialize in are most assuredly the very best for our Southern soils and climatic conditions—the best for your Southern garden.

All our seed is saved under the very best of conditions and the latest and most modern scientific methods and equipment insure the maximum yields of the most superb quality fruit and the greatest freedom from seed borne disease.

In 1945, as for over fifty years past, it will pay you most to use Hastings superior strains of seeds for your garden.

## 448 HASTINGS' GREATER BALTIMORE

**HASTINGS' SPECIAL SELECTED STOCK FOR THE SOUTH.** 83 days, scarlet fruit. Mid-season variety of great merit. Red in color, very heavy, due to extreme firmness and very thick meat. The fruit ripens evenly and is free from ridges and cracks, making it one of the best canning Tomatoes in existence. It is dependable, producing crops under bad weather and soil conditions where many would fail, and is one of the biggest croppers, even outyielding Stone, to which it is similar. This is a variety the commercial trade demands for unusually heavy yields of solid, firm, meaty fruit for canning. It is also very well suited for home gardens and markets because of its attractive appearance. Our special selected seed insures to you the very finest crops your soil and season will allow. Selected seed only. Pkt., 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00. Postpaid.

## Grow these Main Crop Varieties

## Also These Choice Salad Novelties

### 454 Red Pear Shape Tomato

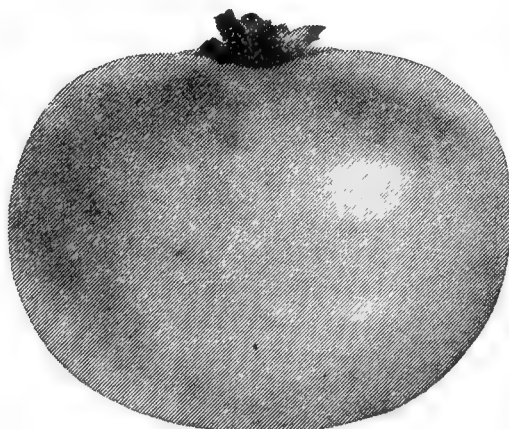
73 days. Scarlet. Small, distinctly pear shaped tomatoes borne in heavy clusters and bearing over a very long season after beginning to ripen fruit quite early. The vines are rather large and unless staked they tend to sprawl over the ground. The attractive fruits may be eaten whole in salads, etc., or they may be preserved or pickled without crushing or cutting. Very disease-resistant. Sorry, crop failure. No supplies available.

### 450 Yellow Pear Tomato

73 days. Bright yellow. Exactly like Red Pear, described above, in all qualities except that the color is bright yellow and the flesh is unusually mild. Packet, 15c.

### 461 Yellow Plum Tomato

73 days. Bright yellow. Slightly larger than the distinctly pear shaped varieties, Yellow Plum has pleasant mildness or freedom from acid. It is a favorite for canning whole and equally good for the table in tomato or lettuce and tomato salad.. Supply limited. Packets only 15c. Postpaid.



(455) Hastings' Red Rock, 10c

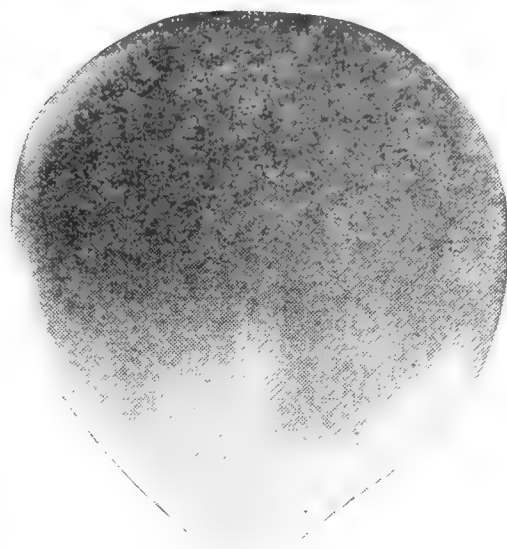
# THE MILDEST TOMATOES IN THE WORLD FOR YOU!

## 438 HASTINGS' OXHEART—HUGE, SOLID TOMATO

88 days from plants. Pink fruit. Oxheart is not a new novelty but undoubtedly is one of the finest novelty tomatoes ever developed. It is really quite extraordinary having very large, heavy bulging fruits which taper from the huge shoulders down to a top shaped point. The cell structure is broken inside so the fruits are unusually solid, making them probably the heaviest tomatoes of their size in existence.

Vine growth is somewhat open and spreading so responds nicely to staking. It is not wilt-resistant so it is recommended for fresh soil. There are very few seeds in Oxheart, which adds to its mild, delicate and delicious flavor. We do commend it to your attention as a superb novelty for the home garden. Pkt., 15c. 1/2 Oz., 80c. Oz., \$1.50. Supply very limited.

## THE PINK MEAT SOLID FLESH TOMATO



(438) Hastings' Meaty Oxheart, 15c

## 432 JUBILEE ORANGE TOMATO — ALL-AMERICA

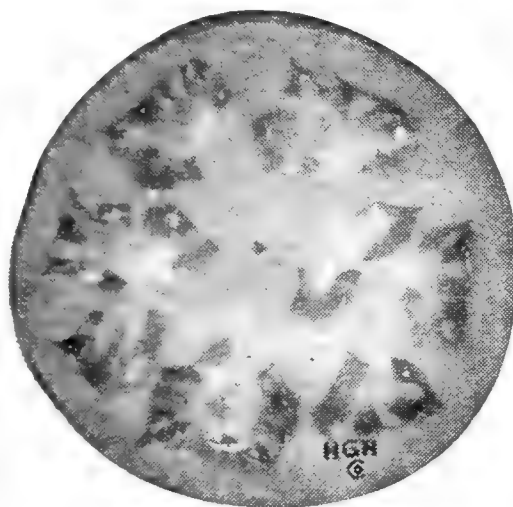
All-America Winner

72 days. If you are interested in novelties that tickle your palate you must grow a few plants of this unique tomato in your 1945 garden. This new orange skinned, golden orange fleshed tomato combines the size, shape and thriftiness of our best reds and pinks with unmatched, delicate flavor with practically no acid such that it can be

enjoyed by all.

The fruits are globular and are of about the same size as Marglobe. Tests show them to be very nutritious with very heavy amounts of vitamins A and C. In fact they are said to have three times the vitamin A as oranges.

The supply is very limited. Packets only. 15c each.



(432) Jubilee Orange

## 463 HASTINGS' BRIMMER

88 days from plants; pink fruit. The largest of all Tomatoes. Many wonderful claims have been made for Brimmer and it is wonderful for home use. It is claimed to be the "Greatest Tomato in the World" in size, weight, solidity, meatiness and splendid flavor. Vines are vigorous, healthy and bear a tremendous load of fruit right up to frost, the Tomatoes holding their large size to the end of the season. Single Tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds, is solid, and nearly all meat. Even though so large, fruits are well shaped, purplish-pink, and make the finest slicing tomatoes, remarkably free from acidity, which keeps some people from eating tomatoes. Grow the biggest and best tomatoes in your neighborhood with Hastings' Brimmer. They are delicious.

We are distressed that our Brimmer seed crop was a complete failure, due to disastrous weather conditions and we have none to offer our customers this year. We suggest Oxheart, Mildglobe and Jubilee Orange instead until next year when we will do our best to have some seed again of Brimmer.

## 451 Hastings' Mildglobe

WILT-RESISTANT

Although fully described and pictured on page 37, we must include Hastings' own superb introduction MILDGLOBE on this page offering the mildest tomatoes in the world. Mildglobe justly belongs in this group because it is so deliciously mild and of unsurpassed flavor and is certainly a new novelty and a popular one, as shown by the thousands who grew it in their gardens last summer.

If you are allergic to the scarlet red tomatoes we suggest Mildglobe for its mildness of flavor. Its prolificacy and resistance to disease. Pkt., 15c. 1/2 Oz., 50c. Oz., 90c.

## 453 Golden Queen

83 days. Yellow fruit. Very handsome, smooth tomato with bright golden yellow skin and flesh with almost total absence of acid. Crop critically short. Pkts. only, 15c.

# GROW YOUR OWN TOBACCO

**CULTURE**—Use clean land for Tobacco plant beds. It is customary to burn off a piece of land in the woods. This kills weeds, grass and insects, adds potash fertility from wood ashes and leaves soil in good shape. Sow seeds about February and protect with a plant-bed cloth from Tobacco flies. Transplant after weather is settled, latter May or early June, to well fertilized or manured soil, 3 feet apart in 3 1/2 foot rows. Give constant attention to cultivating, suckering and worming. Tobacco may be sun or flue-cured. One ounce will plant 50 square yards of bed. A packet of seed will supply almost anyone.

## 431 Judy's Pride Burley

White Burley. A favorite pipe and cigarette tobacco when sun cured. A strong, upright growing variety well suited to heavy, rich soils. Pkt., 10c.

## 434 Warne For Smoking

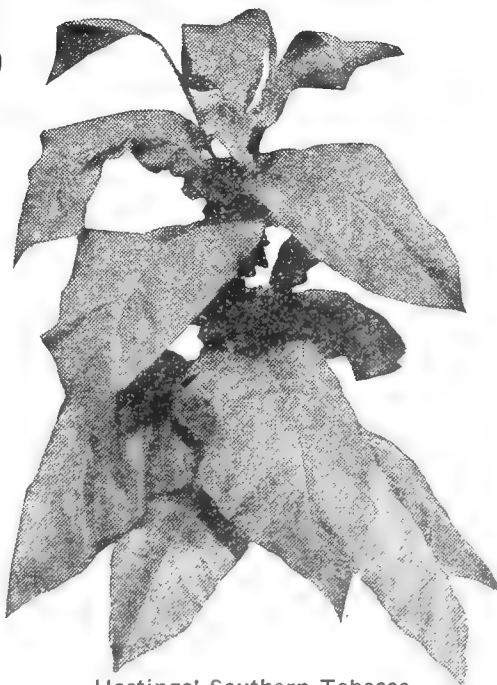
One of the best bright flue-cured Tobaccos; well adapted to the bright belt and a wide range of soils. Leaves long, medium broad, pointed tips; of fine texture, good curing qualities and a safe variety to plant. Next to Gold Leaf in popularity. Packet, 10c.

## 435 Improved Gold Leaf For Smoking Tobacco

The most popular "flue-cured" bright Tobacco in the world. This is for Georgia, Florida, Virginia and the Carolinas, the bright Tobacco belt. Leaves long, broad with pointed tips; spaced on stalks to admit sunlight for uniform ripening and lower leaves are held off the ground. Tip leaves also fill out and cure bright. Gold Leaf is easiest of all to cure into high grade, is more disease-resistant and grows well on more different soil types than other varieties. There is no better selected seed grown than our Improved Gold Leaf. Pkt., 10c.

## 436 Sweet Orinoco Tobacco Best For Chewing

Fine to grow in the South for chewing purposes. Makes, when sun cured, the best natural chewing Tobacco. Leaf medium size with good body and exceptionally fine grain and appearance. It's easy to have a year-round supply grown at home. Hang any surplus in closets to keep moths out of clothes. Pkt., 10c.



Hastings' Southern Tobacco

# PROVEN ON SOUTHERN FARMS SINCE 1905

## ORIGINATOR'S STOCK GENUINE HASTINGS' PROLIFIC

### SAVE MONEY BY PLANTING A SEED PATCH IN 1945

#### BUY YOUR SEED DIRECT IN 1945

All varieties of corn mix easily as wind and insects readily carry pollen from one field to another. Crops grown on small farms are bound to cross because it is almost impossible to provide the proper isolation to keep corn seed pure. With our ownership and control of hundreds of acres we can and do provide the necessary isolation to keep our stocks pure and unmixed with other varieties.

Pure seed insures the heaviest yield that is possible, so why take chances on your crop when the best seed, Pure Hastings' Prolific, direct from the originator, only costs about fifty cents an acre when bought by the bushel?

Thus the seed cost is of little consequence compared with fertilizer and labor costs. Yet, it can influence your profits quite materially.

Why, then, be satisfied with any less than the very best stock of pure seed that you know you get from Hastings?

#### Plant a Pure Seed Patch Every Year!

Many of our farm friends purchase a peck or a bushel (to plant 2 to 10 acres) every year and then save this seed to plant their full acreage the following year. Thus, they have a small seed field growing each year with seed from us and their big crop is planted always with seed "one year from breeder," raised at home.

#### THE SEED CORN OF REAL CHAMPIONS!

More championship yield records, we believe, have been made with Hastings' Prolific than with any other corn. Mississippi yields of 202 1/3 and 214 bushels and Georgia yield of 214 bushels per acre, are matters of record. You, too, can increase your production with Hastings Prolific.

It makes good on every kind of soil from the lightest sandy lands to the heavy clays and bottom lands of the Southeast and the "black waxy" lands of Texas. No other variety has shown such general adaptability.

Hastings' Prolific is a late season corn, maturing hard corn in 130 to 140 days. Stalk is large, 8 to 12 feet tall, blades wide and vigorous, giving plenty of forage. Ears small to medium size, anywhere from 2 to 7 ears per stalk, according to land quality, fertilizing and distance in the row. The photograph was taken of a stalk from our 1940 crop and shows nine well-developed ears.

Ears fill out well, cobs very small with deep pointed grains. Seventy pounds of ear corn will shell out 61 to 63 pounds of grain as against the usual 56 pounds of most varieties. Corn is grown for grain, not cobs. Hastings' prolific makes grain and not big cobs. Shuck is heavy, covering the ear tightly, keeping out birds and weevils and preventing storm damage.

#### MAKES THE HIGHEST QUALITY MEAL!

If you are very particular. If you want the finest corn meal for your table use, Hastings' Prolific is your corn. Meal made from it has a rich, delightful flavor not found in meal from other varieties. This is the best corn for grain production, roasting ears, for meal or for stock feeding.

In other words it surpasses any thing in the way of white corn for planting generally throughout the South.

#### GROW IT ON YOUR FARM FOR FOOD AND FEED

Due to its amazing natural vigor imparted by its heterozygous character. Hastings' prolific has consistently outyielded other Southern corns, not for this one season or in that limited section, but over a period of 20-25 years from the Carolinas to Texas.

By a careful examination of these Southern station reports anyone can readily see the year in and year out yielding ability of Hastings' Prolific, placing it well above other good varieties. This proves that it is the one best white corn for you to plant this year in the South for the best yields your soil and seasons allow.

#### Prices of (140) Hastings' Prolific White Corn

1/4 Pound, 12 Cents. 1 Pound, 30 Cents. 2 Pounds, 50 Cents. 5 Pounds, 85 cents, Postpaid. Not prepaid, 14 lbs. (Peck), \$1.50. 56 Lbs. (Bushel), \$4.75. F.O.B. Atlanta.

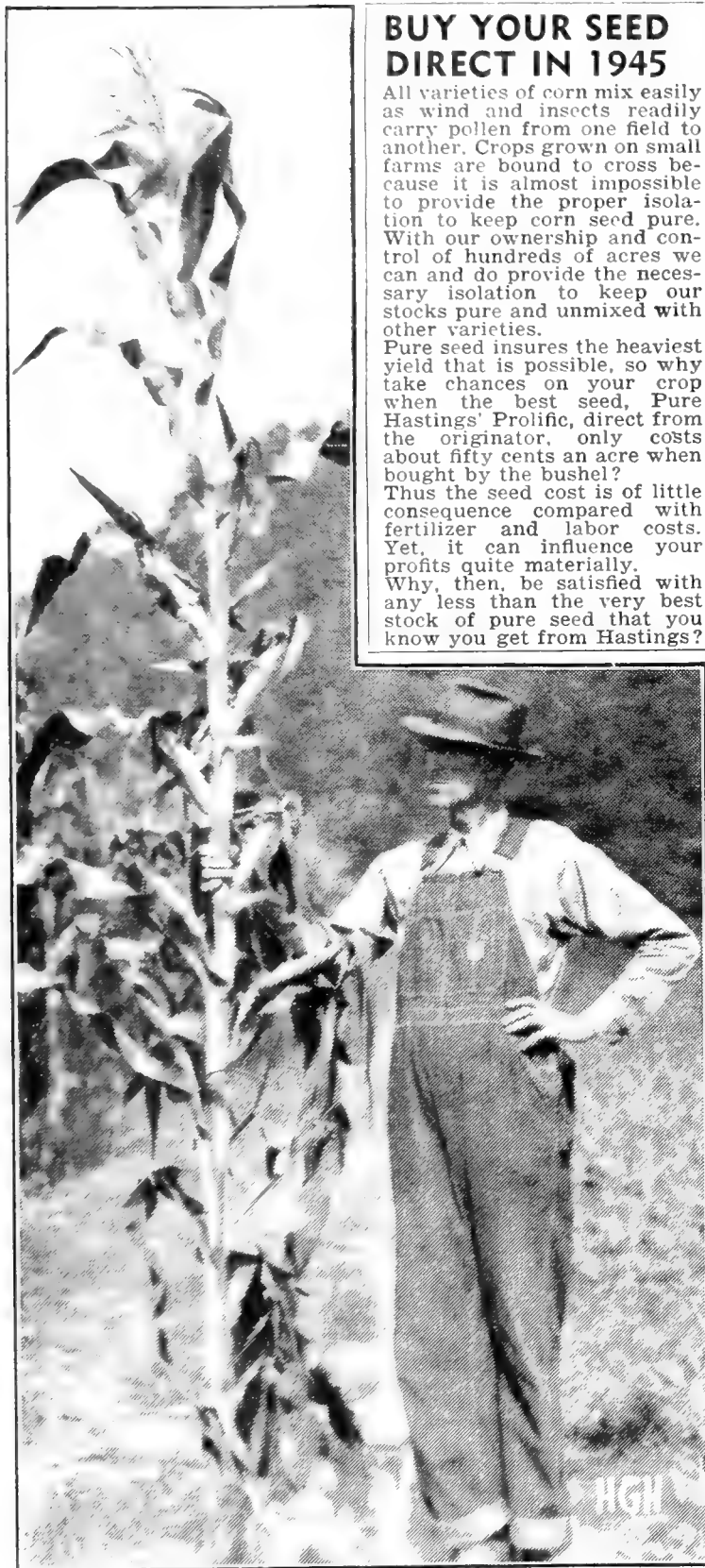
#### 1945 HASTINGS' SUPER PROLIFIC CORN

By constant selection year after year since its introduction during the early history of the Hastings' business we have been able to increase the high yielding ability of our world famous Hastings' Prolific Corn to where we now can offer a very limited quantity of double re-cleaned, graded seed from fields that produced during the past season seventy-five bushels or more per acre. You know it comes from the best fields.

For your protection Hastings' Super Prolific Corn is offered in sealed bags only—1 peck (14 Lbs.), \$1.75. F.O.B. Atlanta. Express or mail charges to be paid by customer.

#### A Word About Hybrid Corn in the South

New Hybrid Corns are being developed for limited localities in several different sections of the South as well as in the huge corn belt of the North, but experts and authorities plainly state that they cannot be planted generally over a wide area. You must be sure that they have been produced within a limited area near you. You cannot save seed and plant it the next year from your own crop! In other words, you must get fresh, new seed every year to get the advantage of the hybrid vigor. Hastings' Prolific compares very favorably in yield with the highest yielding hybrid corns over a period of years in comparative tests by Southern experiment stations. And pure originator's stock of seed only costs about half as much as hybrid corn! And by careful selection you can readily save your own seed for your entire plantings from a special seed patch sown with Hastings' originator's stock each year.



Proof enough! Genuine Hastings' Prolific Corn—9 Ears.



# HASTINGS' YELLOW PROLIFIC CORN

(THE TRULY MODERN SOUTHERN CORN, RICH IN VITAMINS A AND B1)

## Our Greatest Smash Hit!

### Have Best Seed Every Year Plant a Special Seed Patch

Hastings' Yellow Prolific, being an open pollinated corn, is ideally suited to the "Seed Patch" method of growing your own seed every year. With this method you purchase only a peck to a bushel to plant from two to eight or ten acres in a special seed patch, from which you gather a plentiful crop of corn to furnish seed, only one year removed from breeder, for your entire crop, even covering a very large acreage the next year. It is our desire to have our supplies of Hastings' Yellow Prolific go as far as possible in improving Southern farming and at the same time such a plan means the very best for you at a ridiculously small net cost. Get the "Seed Patch" habit of ordering a small amount of pure seed every year and you are assured the maximum results year in and year out.

5,000 USED IT IN 1940!  
11,000 USED IT IN 1941!  
15,000 USED IT IN 1942!  
30,000 USED IT IN 1943!  
26,500 USED IT IN 1944!

### BUT AGAIN WE SOLD OUT

or more would have bought and planted Hastings' Yellow Prolific in 1944. Our production of this superb new yellow corn is naturally limited because we want it to be kept right by constant care and attention and that is why we cannot supply seed indefinitely throughout the season.

### ORDER EARLY IN 1945

We had a superb crop this past growing season and our supply will be somewhat larger than last year when we were compelled to return money to hundreds who waited too late to order their seed. We urge you to order early this spring because the demand will be larger than ever before with so much stress being placed upon greater food and feed production per acre.

### IT COSTS ONLY 50c AN ACRE

in buying Hastings' Yellow Prolific by the bushel. No crop you can grow costs so little per acre for the very finest seed available and proven in experiment station reports from all Southern states.

### HASTINGS' YELLOW PROLIFIC

is a cross of Hastings' Famous White Prolific and a well adapted yellow corn, and then back crossed to Hastings Prolific to make the prolific character predominant. Many years of breeding fixes the type that we offer to you again this year.

### HASTINGS' YELLOW PROLIFIC

has made good on every kind of soil that we have tested it on from the red upland soils of the great Piedmont region to the rich river bottom lands and sandy loams of the lower South as well as the black soils of the Southwest and therefore should grow to excellent advantage wherever Prolific type corn of any kind can be used.

We recommend Hastings' Yellow Prolific to you unreservedly and urge you to grow more yellow corn for its greater feed value.

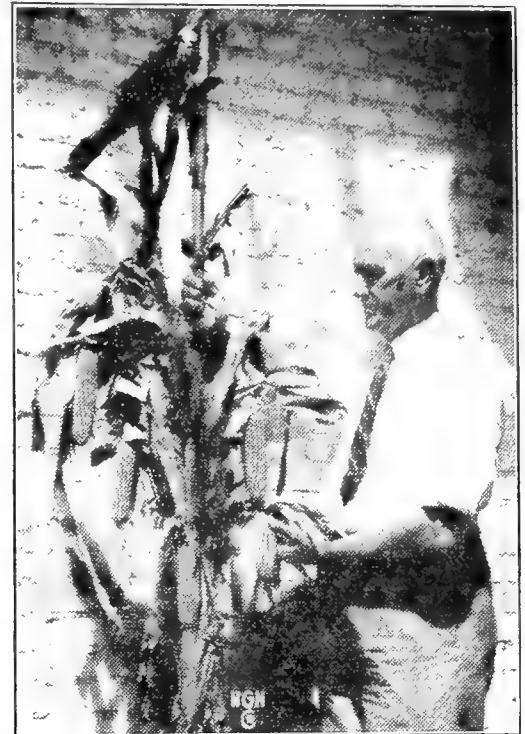
### Plant to Save Your Own Seed

Hastings' Yellow Prolific Corn is an open pollinated corn (not a so-called "Hybrid Corn") and thus can be planted year after year just like the White Hastings' Prolific. In other words, you do not have to send back every year to get new seed as with the "Hybrid Corns," and at the same time with the true Prolific type corn you are assured the maximum yields as proven by most Southern experiment station records covering a period of the past 15-20 years. "Hybrid Corns" at their best, give only maximum results within a limited area near their place of breeding and thus are not generally adapted to the generality of soils thruout the great South where Prolific Corns are really practically native.

GROW A "SEED PATCH" THIS YEAR.

### (143) HASTINGS' 1945 YELLOW PROLIFIC PRICES

For the 1945 season Hastings' Yellow Prolific will be sold in sealed peck bags at \$1.65 (enough for 2 to 4 acres) and in sealed bushel bags at \$4.95 each. F.O.B. Atlanta. By mail postpaid, 1/4 Lb., 15c. 1 Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00.



Mr. H. G. Hastings and a mature stalk of Hastings' Yellow Prolific yielding 3 large ears and 1 small ear—all rich and yellow

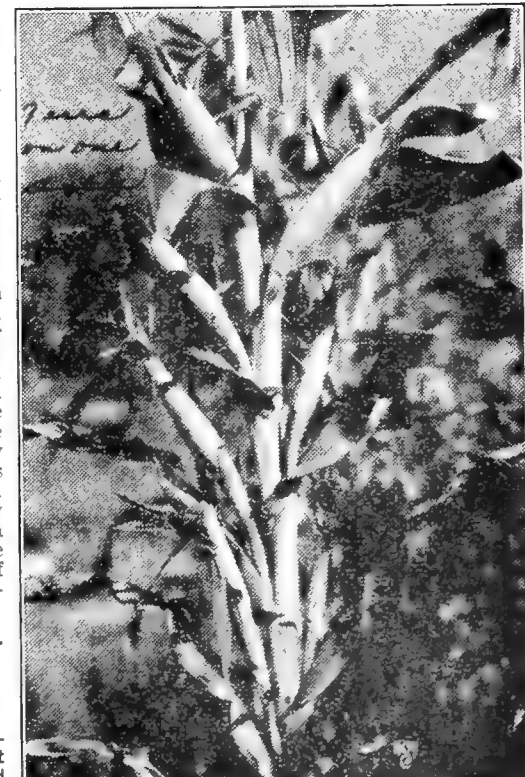
### WHY GROW YELLOW CORN?

That's a fair question. Yellow corn has that marvelous essential of health and normal growth and development, Vitamin A in addition to Vitamin B1. These vitamins are very necessary not only in the human diet, but are equally essential in the feeding of your live stock. Comparative tests between stock fed yellow corn and stock fed with white corn give a great advantage to the yellow corn and we unreservedly recommend it to you on your farm and urge you to start at once in order to have its great benefits at the earliest possible moment.

Let's make the South the country's greatest stock raising section! It can be done with yellow corn and Hastings' Yellow Prolific is the best of all for you to plant.



Mr. Alexander Cooper Makes 136½ Bus. Hastings Yellow Prolific per acre.

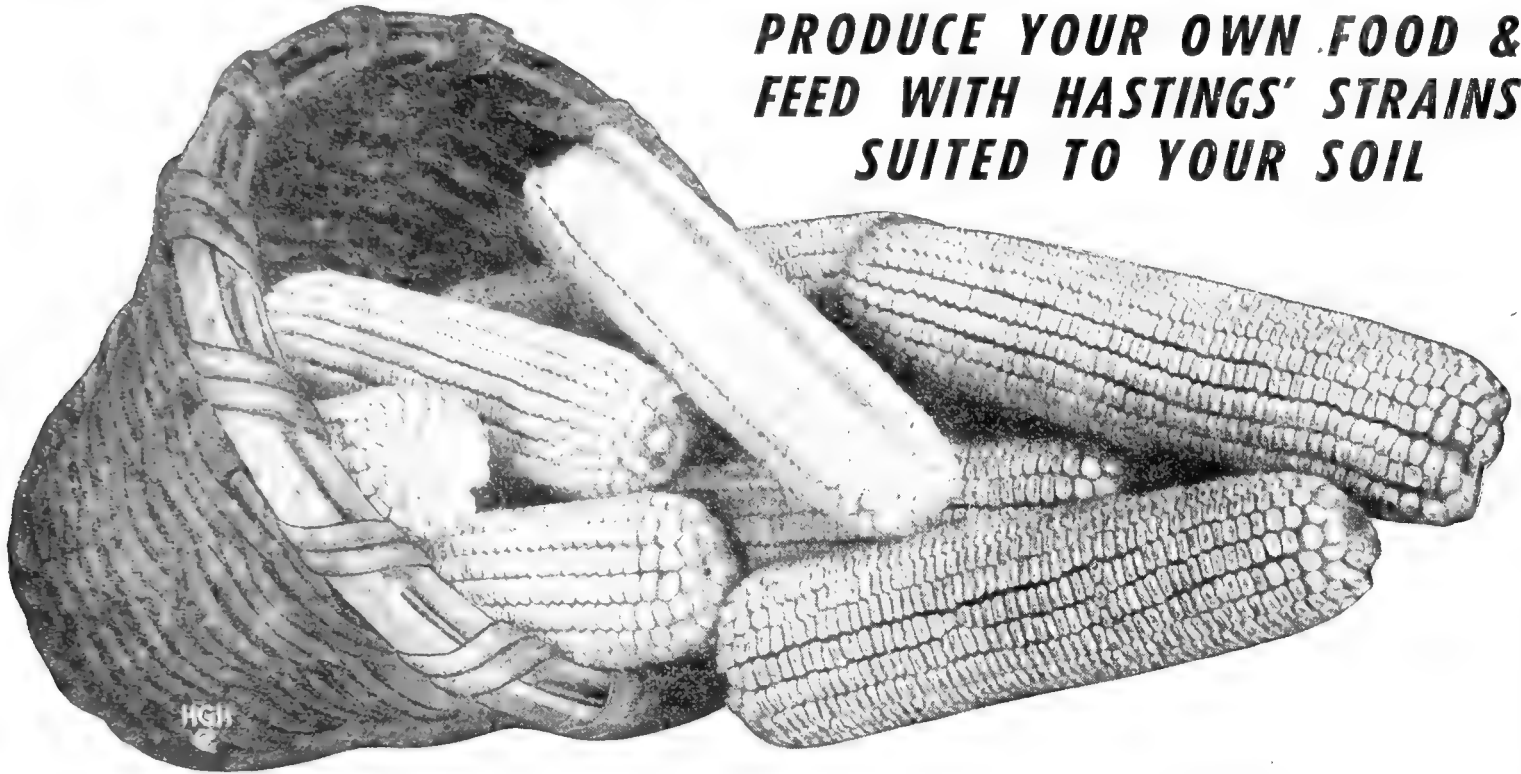


Proof enough—Hastings' Yellow Prolific seven ears on a single stalk

Buy ACCLIMATED Seed—Order DIRECT From Hastings—Buy War Bonds [41]

# YOU CAN GROW MORE CORN IN 1945

**PRODUCE YOUR OWN FOOD &  
FEED WITH HASTINGS' STRAINS  
SUITED TO YOUR SOIL**



## 149 HASTINGS' FLORIDA W1—DOUBLE CROSS HYBRID

One of the very, very few hybrid corns to prove satisfactory in the South and having a high proportion of sound corn. Hastings' Florida W1 is the product of the superb work done by the Florida Agricultural Experiment Station and who supplied the crosses of the four inbred lines which were the two parents representing the second or double cross hybrid which we offer to you.

We have been tremendously interested in the development of hybrid corn and frankly we have been quite disappointed in the results of practically all those brought into the South from other sections, too far away to be "acclimated" to our conditions.

Hastings' Florida W1, which we offer to you as long as the very limited supply lasts, was grown in North Florida from seed furnished by the Florida Agricultural Experiment Station and we recommend it to our customers primarily in Northern Florida and the lower two-thirds of South Carolina, Georgia and Alabama representing the soils and climate for which it was developed.

Besides leading in yield records of sound corn in Florida this new hybrid corn likewise was most outstanding of all hybrids tested in several locations in Georgia in 1941, the latest reports we have at this writing.

Hastings' Florida W1 is a white corn, prolific with two ears or more on nearly every stalk, with long, tight husks, smooth dent kernel type, excellent weevil resistance and with a strong root system to withstand storm damage. Cobs are approximately half red and half white.

*This is a first generation double cross hybrid of four inbred lines of corn developed by the Florida Experiment Station. It is the only hybrid corn that the Florida Experiment Station has released for commercial use.*

### PRICES

149 HASTINGS' FLORIDA W1 HYBRID CORN. Sealed bags only. Peck, \$2.00. Bushel, \$7.50. F.O.B. Atlanta. Bags cannot be broken. This corn is not offered for shipment to Arkansas, or other distant states where it has not been tested. We recommend it only for the lower sections primarily of the Southeastern States.

149X SPECIAL ROUND KERNEL STOCK. Same double cross hybrid as above except rounded kernels, fully as satisfactory where corn is drilled in row. Special price. F.O.B. Atlanta. Peck, \$1.75. Bushel, \$6.50. Supply limited. Order early, please.

## POPULAR OPEN POLLINATED CORN VARIETIES FOR THE SOUTH

### 138 Tennessee Red Cob Corn

A famous field corn giving dependable yields of large, deep grained ears set on red cobs. It is very popular in Tennessee and in other sections of the upper South, where it is grown for grain and ensilage.  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 148 Mexican June Corn—Best Late Corn

For late planting (May, June and July). Makes best under dry weather conditions. Ears 8 to 9 inches long, grains rather short. Mostly white.  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 150 Trucker's Favorite

See Page 13 for full description and illustration.  $\frac{1}{4}$  Lb., 12c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.00. 10 Lbs., \$1.80. Postpaid.

### 147 Whately's Prolific — Red Cob

A very hard, tight shucked, insect resistant corn for the coastal plain sections, where it is quite prolific. Selected stock  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 145 Early White Dent

White variety for early crop and "roasting ears."  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 139 Neal's Paymaster—For Upper South

An extra large field corn for bottomland in the mid-South and uplands in the northern part of the South. Full deep white grains. Excellent for ensilage.  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 144 Improved Golden Dent—Early Corn

Our Improved Golden Dent is Southern grown and adapted to our soil. Strong grower, ears medium size, usually 2 per stalk. Grain rich golden yellow color, medium-sized red cob.  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

### 142 Hickory King—Largest Grains

(Broad Grain Type.) Good for roasting ears to follow White Dent, for meal, for general purposes and particularly good for making "lye hominy."  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 45c. 5 Lbs., 80c. Postpaid.

## FOOD AND FEED CROPS FROM YOUR OWN FARM IN 1945

### NEW EDIBLE SOY BEANS

Plant and cultivate same as Lima or butter beans.

#### 607 Early Bansei

Early, dwarf, heavily productive with pods filled with easily cooked beans up and down stalks. Tender, sweet and delicious.  $\frac{1}{4}$  Lb., 10c. Lb., 35c. Postpaid.

#### 608 Rokuson

Medium in size and maturity, Rokuson sets an unusually heavy crop of excellent quality beans all along the branches. Best of the medium early varieties.  $\frac{1}{4}$  Lb., 10c. Lb., 35c. Postpaid.

#### 609 Seminole

A new hybrid developed here in the South for a very large, heavy bearing, main crop variety to out yield them all with the most delicious, finely flavored beans of all. Large, late, heavily productive, Seminole is adapted to the middle and lower sections of the South where long seasons prevail.  $\frac{1}{4}$  Lb., 15c. Lb., 50c. Postpaid.

## TABLE PEAS

#### 333 Dixie Sugar Crowder

One of the earliest, most prolific and best flavored table peas for eating green and as dry shelled peas. Always bring the highest prices in town and city markets. Brown Crowder. Pkt., 15c. Postpaid.

#### 339 Early Ramshorn Peas

Wilt-Resistant. Black-Eye Peas. New Black-Eye Cowpea for wilt-infested soils. Grows 3 crops per year. Highly recommended.  $\frac{1}{4}$  Lb., 15c. Lb., 40c. 2 Lbs., 70c. 5 Lbs., \$1.50. 10 Lbs., \$2.50. Postpaid.

#### 340 Large Black-Eye Peas

The standard heavy bearing, strong growing, tall vined black-eye peas for easy growth in the South. Pkt., 15c. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.25. 10 Lbs., \$2.00. Postpaid.

#### 601 O-Too-Tan Soy Bean

It has made six tons of dry hay per acre in three-foot rows, dropping seed 8 to 10 inches apart. For a bean crop, drop seeds 10 to 12 inches apart, where it makes 5 to 10 bushels per acre. It is of bush form and will not climb. 5 pounds of seed will plant an acre in corn; use 10 to 15 pounds per acre in 3-foot rows. Lb., 35c. 2 Lbs., 60c. 5 Lbs., \$1.25. Postpaid.

#### 600 Mammoth Yellow Soy

There are many varieties of the Japanese Soy Beans but the Mammoth Yellow is the best, the strongest grower and heaviest yielder of seeds in the South. Grow the seeds to crush for oil and meal in Soy Bean mills. Plant 30 to 60 Lbs. per acre. Postpaid—Lb., 25c. 2 Lbs., 45c. 5 Lbs., 85c.

#### 605 Running Velvet Beans

Heaviest yielding forage crop and legume for hay or turning under. Grand for planting in corn. Extra Early running type for upper South. Plant 15 Lbs. in Corn or 30 Lbs. per acre by itself, April to June.  $\frac{1}{4}$  Lb., 10c. Lb., 25c. 2 Lbs., 40c. 5 Lbs., 75c.

## PEANUTS FOR ROASTING OR FEED

Plant 1 to 2 bus. per acre, the Spanish or bush sort thicker than Valencia Peanuts.

#### 581 Spanish Peanut

The best variety for forage and fattening crop in the South. Early, heavy bearer; bushes growing close, so easily cultivated. Grains or nuts are small, skins of creamy white color, much sweeter and finer flavored and much more free from "pops" than the larger sorts. Best re-cleaned seed stock. Postpaid—Lb., 40c. 5 Lbs., \$1.75.



(601) Single Plant of O-Too-Tan Soy Bean

#### 578 Valencia Peanut

The Valencia, coming originally from Spain, is a desirable variety, distinct improvement in appearance over any variety in general use. Pods are large, close and well filled, containing 3 to 4 nuts or kernels, with red skins, in each pod. Of very mild, sweet, enjoyable flavor. Their handsome appearance sells them on sight and you will like it. Postpaid—Lb., 40c. 5 Lbs., \$1.75.

## THESE ARE THE PROFITABLE SOUTHERN COTTONS NEW STAPLE COTTONS INSURE BETTER YIELDS AND PRICES FOR YOU

SEE OUR MARKET LIST FOR LARGER QUANTITY PRICES.



83 bales on 61 acres—Stoneville 2B at Hastings' Farm

#### Stoneville 2B Beats High Production Costs

Our 1942 production: 83 bales from 61 acres. Our 1943 production: 69 bales from 61 acres. 1944—56 bales on 52 acres.

An all-purpose, high yielding, staple cotton to grow throughout the greater portion of the cotton belt. Grows vigorously with branching habit tending to high yields. It is early in maturity, beating the boll weevil to a great extent. Good picking quality is a feature along with fairly large, many five-locked bolls averaging 65-75 to a pound, staple better than an inch with a turnout of 37-40 per cent. Postpaid. Lb., 30c.

#### Delta and Pine Land New Strain 14

The length of staple will run consistently one inch and better. They are early, prolific, have large bolls, many with 5 locks and easily picked, yet storm-resistant. The growth is open and earliness allows it to mature a good crop before weevil damage. The lint turnout is 40% or better under good conditions. They are partially wilt-resistant. These are newest strains. Lb., 30c. Postpaid.

#### DIXIE TRIUMPH—WILT-RESISTANT

In those sections where gray or sandy soils prevail with infestations of cotton wilt, it is advisable to use a resistant variety and this is one of the best.

A strong grower, and good early producer of heavy crops of inch staple cotton of highest quality. The lint turnout is 38-40%, Dixie Triumph is a good variety to grow in the coastal plains sections of the South. Lb., 30c. Postpaid.

NOTICE—COTTON SEED ORDERS TO TEXAS AND OKLAHOMA NOT ACCEPTED.

#### Treat Cotton Seed With Ceresan

To insure vigorous, even, full stands of cotton all authorities recommend Ceresan seed treatment. 1 Lb. to treat 5 bushels, 75c.



# YOUR SOIL IS YOUR REAL INVESTMENT—MAKE IT PAY

(INOCULATE ALL THESE LEGUME CROPS — SEE PAGE 79)

## How to Use Lespedeza In the South

Valuable self-seeding, annual Southern clover, growing on rich or poor soil. On poor land it has a creeping habit; on better land a bush form, making a vigorous plant, 12 to 18 inches high. Harrow seed in lightly and firm soil, or sow on surface, then scratch surface to prevent seed washing or blowing off. Makes good grazing. Grand for green manure by turning under; it enriches the soil and prevents "washing" of hill lands. Its abundant long roots leave much valuable nitrogenous matter to be used by following crops. In Florida sow in fall. Elsewhere South, sow spring. Broadcast 15 to 30 Lbs. per acre after inoculation. See page 79. Genuine Nitragin Lespedeza (all varieties) Inoculation, 100 lbs. Size only 50c.

## 502 Perennial Lespedeza for Permanence

**SERICEA**—The permanent Clover for the South. At last the Southeast has a soil building legume to compare with western alfalfa. Lespedeza Sericea was introduced by the U. S. Dept. of Agriculture, an oriental perennial legume which grows on poor land and acid or sour land as well as rich land. After established, it is a great drought resister with an enormous root system. It enriches the soil, lives through the winter, starts growth early in spring and gives at least 3 cuttings a season with as high as 3 tons per acre at one cutting of hay. On the Hastings' Plantation it grew 18 inches tall the first year from seed. All kinds of stock relish the hay and it may be closely grazed. Plant very shallow in 3½ ft. rows, on a well-prepared seed bed in spring when soil becomes warm. 3 to 4 Lbs. of seed plants an acre in rows for seed purposes. Broadcast 15 Lbs. per acre with a small grain crop in the fall for hay and pasture. Cultivate seed crop shallow, keeping free from weeds and grass the first year until established, when it should produce 500 Lbs. of seed per acre. Get your start this spring. Postpaid—1 Lb., 65c.

## 511 Kobe Lespedeza for the Middle South

Makes a larger growth of stems, leaves and has larger seed than Common Japanese but is otherwise similar. Growth is low and spreading except in thick sands. Kobe is preferable in the main cotton belt or from southern Ark., Tenn. and coastal N. C. south. It greatly outyields the Common in hay and pasture in this territory, with the same range of distribution. Pound, 45c.

## 506 KOREAN LESPEDEZA

Korean is earlier, coarser and usually a heavier producer than Common. It is of most value in the northern half of the cotton belt sections. It is earlier maturing, 18-24 in. tall, stands close grazing, does well in acid soils and hay cures very quickly. Grazing season ends about Sept. 1st, furnishing fine and cheap midsummer pasture. Pound, 40c. Postpaid.



Legumes for Richest Hay and Soil Improvement as Well

## 516 ALYCE CLOVER—Hay and Cover

A newcomer that has surprised everybody by its strong, vigorous growth on many different soils throughout the lower sections of the South. It is ideally suited to light sandy loam soil and yet produces rank growth on rather heavy clay. Excellent hay crop for livestock. Sow seed 5 to 8 pounds per acre, broadcast and harrow lightly to cover. Lb., 85c. Postpaid. Write for quantity prices.

SEE OUR LATEST LIST FOR LARGER QUANTITY PRICES  
At the time of printing we cannot quote definite quantity prices, so consult our latest special price list for our closest figures. We will mail you one free upon request.



(510) Crotalaria Spectabilis Quickly Makes Soil Richer

## 500 Alfalfa—The Aristocrat of Legumes

Alfalfa is the most widely planted of all clover varieties in the world. Alfalfa in the upper South has produced 4 to 7 tons of the most valuable hay to the acre each year. It will grow 3 to 5 cuttings a year and it enriches the soil. Its long branching roots penetrate far down, several feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. Early spring sowing is more popular although fine results are obtained from fall planting. It is adapted to almost the entire upper South. Sow on high and rather dry ground and cut only when coming into bloom. Sow in thoroughly prepared soil, broadcast or in drills, at the rate of 20 pounds per acre. Seed should be inoculated—See Page 79. We recommend the highest grade seed, 99% purity or over, Kansas grown, strongest on the market. Pound, 80c. Postpaid.

## 508 American Grown Red Clover

Valuable in northern part of Cotton Belt for pasture, hay and soil improvement. Even the first crop makes rich feed and hay. Sow in fall or spring, March and September. Postpaid—Lb., 70c. 5 Lbs., \$3.25.

## 507 White Sweet Clover or Melilotus Alba

As a land-builder it has few equals. Resembles Alfalfa and called Alfalfa's twin sister. Grand bee food and to build up poor land. Sow 12 pounds per acre in Feb. True white-flowered, not yellow-flowered. Hulled or cleaned seed. Postpaid—Lb., 40c. 5 Lbs., \$1.75.

## 501 Alsike Clover for Moist Lands

Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses for hay or pasture and grows well in Northern Cotton Belt. Postpaid—Lb., 65c. 5 Lbs., \$3.00.

509—WHITE DUTCH CLOVER—SEE P. 48.

## CROTALARIA FOR COVER

INOCULATE CROTALARIA WITH NITRAGIN. See P. 79.

**510 LATE CROTALARIA SPECTABILIS**—Great cover crop for turning under, especially in the lower South. It is not recommended for hay, because livestock do not relish eating it, but great for fruit and truck growers, not being a host for pumpkin bugs. Requires no fertilization, no liming, and may be grown without cultivation. For maximum growth, broadcast 10 to 15 Lbs. per acre on well-prepared land when frost danger is past, harrowing in lightly, while soil is moist. The yellow blossoms make beautiful cut-flowers. Scarified Seeds—Lb., 40c. 5 Lbs., \$1.75. Postpaid.

**513 EARLY CROTALARIA SPECTABILIS**  
Early strain for upper South, also especially fine for broadcasting before last cultivation in corn or cotton in lower cotton belt. Scarified—Lb., 40c. 5 Lbs., \$1.75. Postpaid.

# CASH IN ON FORAGE CROPS IN 1945

**RECLEANED SEED — FREE FROM TRASH AND DIRT**

Sow alone or mixed with cowpeas for heaviest hay crops.

## 619 Pearl or Cattail Millet

### CUT AND COME AGAIN HAY CROP.

Greatest and best yielder of green forage and it continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed. Relished by all kinds of stock and they eat it greedily. It ought to be grown on your farm. Sow thinly in rows 3 ft. apart at the rate of 8 to 10 Lbs. per acre. Postpaid— $\frac{1}{4}$  Lb., 15c. Lb., 35c. 5 Lbs., \$1.25.

## 620 BROWN TOP MILLET

### GROW FOR QUAIL AND WILD TURKEY—

A superb summer hay crop that is easily and quickly grown. Very similar to Golden Millet except it grows a little taller and has a much larger but less compact seed head. Bears very large crops of grain which makes ideal game bird feed. If left standing the hay crop provides superb cover for the birds while the seed heads shatter. Plant 50 pounds per acre. Lb., 35c. Postpaid.

## 618 GOLDEN MILLET

**TENNESSEE GROWN**—Golden Millet is an important and nutritious hay crop, relished by horses and cattle. Seed thickly, not less than one bushel per acre, any time from the middle of May through July, but not too early. It matures six to eight weeks after seeding. Cut while in bloom for best hay. Postpaid—Lb., 35c. 5 Lbs., \$1.25.

### BUY RECLEANED SEED

Modern methods of seed milling eliminates practically all trash and nearly all weed seed pests. It is positively much cheaper to buy genuine recleaned seed because you get more live seed for your money.

## 625 EVERGREEN BROOM CORN — GOOD BROOMS

Fine crop for dry-land farming where there is a market for straw for brooms, or to make your own. It has practically no feed value. Neither plant nor seeds are suitable for feeding purposes, but straw makes excellent quality brooms.

Postpaid—Lb., 40c. 5 Lbs., \$1.75. 10 Lbs., \$3.00.

## 582 Upland Rice — Try Some This Year

Rapidly coming to the forefront as an important home-grown food crop we call your attention to Hastings' Upland Rice.

It takes a very long season—better than 150 days—for maturity, so can only be successfully grown in the southern part of the cotton belt, the coastal plains sections. Upland Rice grows vigorously in fairly rich, well-drained upland soil with moisture sufficient to grow a good late corn crop.

Our suggestion is that you experiment with a small planting this year to learn best how to grow it under your soil conditions. Drill seed in  $2\frac{1}{2}$ -foot rows at the rate of 50 pounds per acre at cotton planting time in spring, keeping cultivated clean at all times. Postpaid, Lb., 30c. 5 Lbs., \$1.25. 10 Lbs., \$2.25.

## 4 Jerusalem Artichoke — HOG FEED

Fine for Hog Feed. Grown like Irish potatoes, in good soil, they produce immense yields of nourishing tubers for feed or delicious table use.

Plant 400 pounds per acre on rich, well drained land in March and April. Drop seed

## 622 TEOSINTE

### CUT AND COME AGAIN HAY CROP.

**FOR FORAGE**—Mammoth forage plant; Teosinte is planted after all frost danger is past. Plant about 4 pounds per acre, in 3-foot rows, dropping seeds 4 to 6 inches apart. It may be frequently cut as it grows quickly again. Postpaid—Oz. Pkt., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., 85c. 5 Lbs., \$4.00.

## 628 White Kaffir Corn

Being rapidly displaced by Hegari.

Drouth resisting grain sorghum growing 4-5 ft. high, topped with heaviest dense heads of large white grains, for excellent feeding. Drill as for sorghum 10 Lbs. per acre. Postpaid—Lb., 30c. 5 Lbs., \$1.00.

## 400 DWARF ESSEX RAPE

For spring, fall or winter planting for quick green forage or grazing for hogs and poultry, there is nothing equal to Dwarf Essex Rape. The tops look like rutabagas and growth is similar yet larger. Rape makes no bulbous roots. Can be planted in rows like turnips, 4 pounds per acre, or broadcast 8 to 10 pounds per acre, covering by a light harrowing. Ready for grazing in 8 to 10 weeks.

Rape can be sown with fine results from August to April. Rape grows 15 to 30 inches high. It is a splendid green feed and forage crop relished by all kinds of stock. It makes an exceptionally fine hog or sheep pasture, all stock eating it greedily, and it puts and keeps them in fine condition.

**RAPE PRICES**—Postpaid.  $\frac{1}{4}$  Lb., 15c. Lb., 45c. 5 Lbs., \$1.75. 10 Lbs., \$3.00.



(629) Hegari—The New Wonder Crop

## 629 HEGARI—(Higear) The South's Wonder Crop

### WE HIGHLY RECOMMEND HEGARI

Really the sensation of the entire South. Hegari first attracted attention in the Southwest for its ability to make heavy grain crops in dry weather, soon became equally popular in the Southeast where yields of over a ton to the acre are not unusual.

Makes an enormous grain crop in many sections and better forage or silage than Kaffir or Feterita. Dwarf growth with large heads of white grains which do not shatter. Stands dry weather exceptionally well. Plant 10 Lbs. of seed per acre. Postpaid—Lb., 30c. 5 Lbs., \$1.00.

## CHICKEN CORN

### 630 EGYPTIAN WHEAT — SHALLU.

White seeded Chicken Corn, Shallu or Egyptian Wheat. With ease of growth, sure crop and heavy yields Chicken Corn will go a long way towards solving the poultry feed problem. The large stalk is not particularly good feed, stock do not eat it readily. It's the cheapest chicken feed you can get. Plant 10 pounds per acre in rows  $3\frac{1}{2}$  feet apart. Postpaid— $\frac{1}{4}$  Lb., 10c. Lb., 35c. 5 Lbs., \$1.25.

## 615 BUCKWHEAT

Maturing in about two months. It is easily grown, desirable, and profitable for large grain yields, flower food for bees, and turned under it as a good soil improver. Buckwheat makes a fine quality of flour, the kind that goes into the famous "Buckwheat Cakes." Postpaid—Lb., 30c. 5 Lbs., \$1.00. 10 Lbs., \$1.75.

## 617 Chufas, Earth Almonds

Species of ground nut, easily grown, wonderful hog-fattening crop. Plant from April to June, and cultivate as for bunch peanuts. The crop can be left in the ground, the hogs to do the harvesting. Especially suitable for sandy and loamy soils, highly recommended for the lower South. Postpaid—Pkt., 10c. Lb., 40c. 5 Lbs., \$1.75.

## Mammoth Sunflower — Poultry Feed

**621** Every farm in the South ought to grow Sunflowers for the seed. No farm where poultry is raised can afford to be without them. The yield on fairly good land is immense, 500 to 1,000 Lbs. of seed per acre being nothing unusual. As a poultry feed to give rapid growth, fine glossy plumage, and as an egg-producing

feed we know of no other seed to equal it. When we say that a sunflower crop is profitable, we mean the Mammoth Russian, which produces three to four times as much seed as common varieties. Plant as you would corn.  $\frac{1}{4}$  Lb., 15c. Lb., 40c. 5 Lbs., \$1.75. 10 Lbs., \$3.25. Postpaid.

# MAKE YOUR SYRUP AT HOME

## With the Cane That's Sweeping the South

### 592 NEW DIXIE HONEY CANE

Get a Start of This New Wonder Cane This Year

Simply Sensational! This startling new Southern Honey Cane is by far the Sweetest, finest quality sorghum cane ever before offered for general growth thruout the South where juice sorghums can be grown. We have grown it for three years at Hastings' Plantation and not only have we found it to be the sweetest and juiciest but comparable to Hastings' Syrup Cane in total yield of either forage or juice per acre. A true double-purpose cane. In season it is medium late, following Hastings' Syrup Cane and cultivated the same as that variety.

Dixie Honey Cane grows very rank and

### 590 TEXAS SEEDDED CANE

**FOR SYRUP**—The standard cane for syrup making in the South. Like Hastings' Syrup Cane, it makes splendid feeding and ensilage. It grows 10 to 12 feet high with a plenty of leaves for fodder and produces heavy tonnage per acre. It makes good

tall and has a very heavy stalk, insuring maximum tonnage. Our yearly crops grow from 12 to 14 feet tall on just average upland red clay soil.

Experiment Station reports yields nearly double that of next highest producer. Plant a "seed patch" this spring and have plenty of seed for a full crop next year. Sow 12-15 pounds per acre in good soil for heaviest yields. Be sure and order your supply early before it's all gone. One pound, 50c. 5 Lbs., \$1.95. Postpaid. Seed crop critically short this season. No larger quantities offered. Order early for a small seed patch planting.

### MAKES FINE SYRUP

syrup of good flavor, a bright amber color and fine syrup yield per acre. Plant and cultivate as for Hastings' Syrup Cane and you will be well pleased. Lb., 35c. 5 Lbs., \$1.25. Quantity prices on Current Price List.

### 589 HASTINGS' SYRUP CANE (EARLY)

**Culture** Plant on rich land during April or May in 4-foot rows, 12 to 15 pounds per acre. Cultivate like corn and chop out like cotton, leaving plants 10 to 12 in. apart. One seed will stool out and produce three to five stalks, 10 to 12 feet tall. It usually produces 30 to 50 bushels of seed per acre and 125 to 200 gallons of syrup per acre, of a fine flavor and always sells well. Cut for making syrup just before the seeds ripen as the plants have more sugar at that time. To save seed, cut when fully ripe. Seed heads should be cut and cured in the field. This variety produces an abundance of splendid fodder. Some

syrup makers run stalk and fodder through a cane crusher to save labor. This causes syrup to be darker in color than if the fodder is pulled. Five pounds plants 1/3 acre, a good seed patch.

It is our opinion that our introduction, Hastings' Syrup Cane, is one of the best syrup canes that can be grown. It is an All-purpose Sorghum Cane, recommended in the highest for syrup, silage, fodder and seed.

**Prices** Hastings' Farm Grown Seed—Lb., 35c. 5 Lbs. for \$1.25. Order early and be sure of a good start. See latest price list for quantity prices.

### MOST SOUTHERN STATES HAVE SEED LAWS

With the passage of the new Federal seed law and the revision and rewriting of many of our State seed laws, the purchasers of field seeds should feel more secure in their purchases. **PROVIDED** they check and double check the required tags or labels which must accompany each shipment. These labels must show the name of the seed, its germination, where

grown, and its weed seed content. Note these facts carefully before buying field seed from a questionable source of supply, where prices seem to be cheap! Modern recleaning machinery, fortunately, takes out most of the harmful weed seeds, so our advice is to buy only from a seed house which is fully equipped. Hastings is so equipped, to be sure.



(592) New Dixie Honey Cane—Best of All

Keep Your Quail Crop Growing for Peace Time Hunting

## QUAIL — A TEN MILLION DOLLAR CROP IN GEORGIA



Farmers and land-owners of Georgia are losing an estimated Ten Million Dollars income every year from their quail crop. By a systematic program of conservation, twelve months' feeding, and protection, this finest of all game birds can be made to increase in such numbers

that hunters from all over the United States will come to Georgia for their shooting. The success of any such program depends on the extent to which an area under game management can be made to reach its maximum game population. Whatever specialized knowledge is necessary will be gladly furnished by the Rangers of the Division of Wild Life of the State of Georgia or by your County Agents. The plots desirable for the game crop are mostly waste lands of little use to the farm in their present state or areas on which conditions

favorable to game can be produced without interfering with the present crop.

Quail are as much a crop of the soil as are cotton, corn and peas. Very little time or work is needed to make quail pay a larger income to the farmer than the peach crop. Plant a small strip around your fields and woods border. Bene, because of its large production of seeds, is excellent for this type of border planting. In fence corners Lespedeza Sericia and Sesbania, as well as Bene, will furnish food and cover for many birds. Plant any of the lespedezas on worn out and eroded soil. These fine legumes will not only furnish food for birds but will enrich your land and curb erosion. On badly eroded areas, Lespedeza Sericia and Kudzu are best suited as they furnish food and cover in addition to their land building and erosion stopping qualities. Small patches of Egyptian Wheat and Sorghum will furnish food for birds and chickens. Brown Top Millet is one of the best known foods for attracting doves.

—(Courtesy State of Georgia, Division of Wild Life.)

### 632 Hastings' Tall Bene

Attracts and feeds wild birds, especially quail and partridges. Tall annual herb, about 4-6 ft. high, flowers followed by seed pods which shatter oily seeds in great profusion. These seeds are relished by poultry and game birds. The parched seeds are used in confectionery. Try it this year. Drill 5 Lbs. per acre in 3 ft. rows when frost danger is past. Oz., 10c. 1/4 Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Postpaid.

### 636 SESBANIA—Builds Soil

Practically a native to the South this great summer legume of rank growth is coming to prominent notice as a rebuilder of worn-out lands and a superb quail feed at the same time. Plant scarified seed from May to July, broadcasting 20-30 pounds per acre. Postpaid. Lb., 75c. Crop short,



# HOW YOU CAN HAVE A BETTER SOUTHERN LAWN

## 550 HASTINGS' FINEST EVERGREEN

### LAWN GRASS MIXTURE—FOR UPPER SOUTH

Our finest, most satisfactory lawn grass for the upper South. It stays Evergreen the year round in properly prepared soil and if watered thoroughly during the summer. It grows off quickly, has a rich green color, fine texture, is slightly creeping, smooth and velvety. It really makes a luxuriant green carpet and years of experience has proven it to be the best of all lawn mixtures.

In the lower South, it makes the finest textured fall, winter and spring lawn. It is the best also to plant on Bermuda sod each fall for winter grass. Our own special formula mixture. You can get it only direct from Hastings'.

Hastings' Evergreen Grass—Lb., 55c. 5 Lbs., \$2.50.  
10 Lbs., \$4.75. Postpaid.

## 555 HASTINGS' SHADY LAWN GRASS

**UPPER SOUTH MIXTURE**—For shady places in the upper half of the cotton belt and farther north. It makes a wonderful winter and spring grass carpet and stands hot, dry summers in shady places better than other grasses. This is our famous Evergreen Mixture with the addition of Poa trivialis and Creeping Bent Grasses, the best grasses known for shady places.

Hastings' Shady Lawn Grass—Lb., 60c. 5 Lbs., \$2.75.  
10 Lbs., \$5.25. Postpaid.

## 531 HASTINGS' HULLED BERMUDA

ORDER EARLY—SUPPLIES VERY UNCERTAIN FOR 1945  
PLANTING — VERY LIMITED

**For Lawn and Pasture.** Most valuable grass for the South. Bermuda stands drought and scorching summer sun better than any other variety, has a creeping, spreading habit, stands roughest use and is indispensable for sunny locations.

Why waste time and money on blue grass and mixtures in the Southern half of the cotton belt and farther South when Bermuda grass will give ideal results, needing only a fairly good soil and top dressing with Peat Humus twice a year (April and October) for a beautiful and really permanent lawn for many, many years.

Hastings' Hulled Bermuda seed sprouts in a week if soil is moist, almost as quickly as Rye Grass. This is our famous Bermuda with the almost water-tight hulls removed, previously believed impossible. It is revolutionizing Bermuda lawn planting with its quick, sure results.

Sow 3 Lbs. to each 1,000 sq. ft. of lawn, fairway, athletic or aviation field. Use 20 Lbs., per acre for pasture. Plant seed after ground is thoroughly warm, May thru August in the middle South. Bermuda will not germinate in cool soil. Postpaid. Pound, \$1.50. 5 Lbs., \$6.95. Price subject to change.

## When to Plant

Our finest lawns are made during cool months. As soon as weather cools off until early spring is time to sow seed. Allow grass to become established without freezing weather if you can. Where there are trees, establish grass before or after leaves fall. Lawn grasses, except Bermuda, may be planted all fall and winter until late spring—the earlier the better. Bermuda Grass will start growth only in warm soil and weather. Plant it from May thru August in mid-South, earlier and later in lower South.

## Prepare Soil Well

Spade or plow soil 8 in. deep. Remove rocks, roots and litter. Where shady there is frequently moss, showing acid condition. To correct this, apply 100 Lbs. of Hydrated Lime per 1,000 square feet and rake it in 2 or 3 weeks before planting seed.

Apply 100 Lbs. of Pulverized Sheep Ma-

nure and 50 Lbs. of fertilizer to each 1,000 square feet (50x20 ft.). Rake thoroughly, mixing fertilizer with soil and working the surface smooth and level.

Grass needs food and water. For soil to hold water and food, there must be plenty of humus or vegetable matter in the soil. For poor, sandy or heavy clay soils we must haul in woods earth or rich garden top-soil or we must add humus to the soil we have. Granulated Peat Moss and Peat Humus are the best and purest forms of humus. See Page 80. Work humus in soil. Soak good. Let soil settle before planting.

## Seed Sowing

5 Lbs. of seed will plant 1,000 sq. ft. (50x20 ft.) of lawn with most grasses. Rye Grass takes 10 Lbs. Plant plenty of seed to have a thick, velvety lawn. Sow seed carefully so not to skip spots. After broadcasting seed, roll the seeded surface with a roller, or firm the surface in some other

convenient way. Grass seed needs only to be pressed into a firm seed bed—not covered with soil.

In active growing period, mow the lawn weekly, fertilize every six weeks, broadcasting 25 lbs. for each 1,000 square feet, and keep watered whenever necessary.

## Bermuda Grass

The best summer grass in the South is Bermuda and it should be seeded in the summer in sunny places. Bermuda grass is brown in winter and spring, so for a year-round green lawn with Bermuda, merely scratch Sheep Manure and Bone Meal into Bermuda sod in the fall or winter and broadcast Evergreen Mixture, Rye Grass or Kentucky Blue Grass over the closely mowed Bermuda sod, scratch it in with a sharp rake and roll it firmly and soak thoroughly. Green grass quickly appears and lasts until summer, when Bermuda crowds out the winter grass.

*A good lawn must be frequently mowed, fed and watered.*



Hastings' Lawn Grass, properly planted and cared for, will make your house into "The Home Beautiful."

SEE NEXT PAGE FOR OTHER VARIETIES OF GRASSES

Plant ACCLIMATED Grasses—Order DIRECT From Hastings—Buy War Bonds [47]

# CHOICE SOUTHERN LAWN AND GRASS SEEDS

## 509 WHITE DUTCH LAWN CLOVER

FOR LAWNS. Although not a grass and recommended principally for permanent grazing in fields and pastures Hastings' Extra Quality White Dutch Clover is used extensively to supplement various lawn grasses and mixtures in making heaviest green turf to last for many years and to stand rough treatment. Sow just before or just after the lighter materials at the rate of 2 pounds per 1,000 sq. ft. Does well throughout the South, as well as farther north. All permanent pasture mixtures should have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial, covering the ground with a thick mat of vigorous plants and sometimes lies comparatively dormant, so it should be mixed with other clovers or grasses. Succeeds best on moist ground or during a wet season. Use 20 pounds per acre or half that in a mixture. Fancy Seed. Postpaid—Lb., \$1.15. 5 Lbs., \$5.25. Write for Larger Quantity Prices.

## 530 BERMUDA GRASS (Unhulled)

For Lawn and Pasture. Identical with Hulled Bermuda except without the seed hulls removed. Germinates in 20 to 30 days with proper soil moisture. Succeeds on all sunny soils, heavy clay to sand, and furnishes abundant pasturage or most substantial lawns and athletic fields. Sow 5 Lbs. per 1,000 sq. ft. of lawn; 40 Lbs. per acre for pasture. Lb., \$1.00. Subject to change. HULLED BERMUDA SEED ON PAGE 47.

## 545 RED TOP OR HERD'S GRASS

For Lawn and Pasture. Valuable grass with leaves narrow, becoming very narrow with lawn cultivation. Plants slightly creeping, ideally growing 2 ft. high in early fall. Grows on all soils but best on low, stiff, moist land. Holds well in summer if repeatedly mowed; stands wet weather and overflowing. Valuable for winter pastures. Sow 15 Lbs., per acre or 5 Lbs. per 1,000 sq. ft. for lawns. Fancy Grade. Postpaid—Lb., 45c. 5 Lbs., \$2.00. 10 Lbs., \$3.50. Write for Larger Quantity Prices.

## 532 HASTINGS' WINTER RYE GRASS

**AMERICAN GROWN.** The Winter Grass for all the South. Superior to foreign grown Italian and English Rye Grass seed. Our fancy seed is heavier and more plump, full of vitality, quick to start and strong in growth. It is a fast-growing annual grass with long flat leaves, growing in tufts if left uncut. It is valuable to dairymen for winter and spring grazing, but its greatest use is for winter and spring laws. Scratch seed in Bermuda sod for green lawn until the Bermuda comes out again in summer. By itself it makes a delightful green lawn, in sun or shade, all fall, winter and spring. It stands repeated mowing on lawn or golf greens. Sow 10 Lbs. per 1,000 sq. ft. (50x20 ft.) for lawn; 50 Lbs. per acre for pasture. Hastings' Fancy Seed—Lb., 30c. 5 Lbs., \$1.25. 10 Lbs., \$2.25. Postpaid. Write for Quantity Prices.

## 533 KENTUCKY BLUE GRASS

For Lawn and Pasture. Ideal for golf fairways and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer. Deep vivid green, leaf blades very narrow and plants are slightly creeping. Ideal growth is 12 inches if left uncut. Recommended for upper South and northward as a permanent grass. Our Fancy grade is essential for Southern conditions. Sow 5 pounds per 1,000 square ft. of lawns; 40 pounds per acre for pasture. Postpaid — Lb., 60c. 5 Lbs., \$2.75. 10 Lbs., \$5.25. Write for Larger Quantity Prices.

## 535 CHEWING'S FESCUE SHADE GRASS

**FESTUCA RUBRA.** A superb grass to grow in rather shaded areas and even on fairly acid soil and under other unfavorable conditions. The plants grow low and make a good dense turf when well cared for on well prepared soil. Sow 5 pounds per 1,000 square feet for lawns. Postpaid. Pound, \$1.00.

## ZOYSIA MATRELLA — MANILA OR WONDER GRASS

Zoysia matrella, sometimes called Manila Grass, Zoysia or Wonder Grass, was introduced to this country from the Orient by the United States Department of Agriculture. We have seen experimental plantings from the Department of Agriculture in the State of Alabama at Auburn, Alabama, and in the State of Georgia at Experiment, Georgia, and at many other places. Zoysia matrella has a fine leaf, is dark green, like blue grass, in color, and produces a very dense sod which looks and feels like a thick cushioned rug. It produces such a mat of grass and roots that it crowds out weeds and foreign grass, and even in full sun will frequently crowd out Bermuda Grass.

Unfortunately Zoysia matrella does not make seed and we offer only the thick sod from which sprigs or divisions are made to plant the lawn. One square yard is enough for about 500 square feet, more if handled carefully. It must only be planted on rich, well prepared, well drained soil, otherwise it will not be satisfactory. If interested, send for our complete bulletin describing this interesting new grass for the South. Price: One square yard, \$5.50; 5 yards, \$25.00; f.o.b. Nursery. For express shipment only, preferably to within 250 miles of Atlanta for quick delivery. Shipments will be made beginning April 1 for upper South. Earlier, if preferred, in lower South.

## PASTURE AND HAY GRASSES FOR THE SOUTH

### 553 Carpet Grass for the Lower South

Carpet Grass is one of the most valuable pasture grasses for the lower South. It grows on poor sandy soils better than Bermuda and does well on most any soil with a fair amount of moisture. It spreads rapidly, stands closest grazing and heavy trampling. For lawns and golf courses it will make a heavy sod and the closer it is cut the better it grows. It also does well in pastures with Bur Clover and Japan Clover, these giving all year grazing. Sow 10 pounds per acre for pasture, twice this for lawns, from early spring until July. Lb., 75c. 5 Lbs., \$3.25. 10 Lbs., \$6.00. Postpaid.

### 534 Dallis Grass—Best for Pasture Use

**PASPALUM DILATATUM**—This Grass furnishes hay or pasture all the year in the far South. However, in the cotton belt it furnishes two hay cuttings of fine quality, the second cutting heavier and finer than the first. It stands light frosts and does well on most any soil with a plenty of moisture except dry sandy soil. It stands close grazing remarkably well and grows from early spring until killing frost. Sow in March and April, earlier in the lower South, on well-prepared land. Plant 8 Lbs. of seed per acre. Write for Prices.

### 537 Johnson Grass for Lots of Hay

While considered a pest in many parts of the South, it is recognized as one of our most valuable hay and forage plants. In places where it can be controlled and kept from spreading into cultivated fields there is no other perennial grass which makes such enormous yields of hay. It should be cut or mowed just when seed heads begin to form, and furnishes about three cuttings per season. There is a great demand for the hay, as it is relished by all stock, especially horses. Plant 50 Lbs. per acre in early spring or early fall to give you a permanent summer pasture and hay crop forever. It is very hardy and no matter how close it is grazed it will grow and make an excellent quality of hay on most any kind of soil. Postpaid—Lb., 40c. 5 Lbs., \$1.75.

### 546 Timothy—The Standard Hay Crop

The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet in summer on rich land. Sow 30 Lbs. per acre. Postpaid—Lb., 35c. 5 Lbs., \$1.50.

### 548 FINEST SUDAN GRASS

#### MAKES HEAVY CROP OF HAY QUICKLY IN SOUTH

With us, planted in rows for seed, it grows 6 to 7 feet high. Sown broadcast for hay crop growth is about 4 feet high, furnishing two heavy cuttings, and with the seasons favorable a third one is obtained. Four tons of dried hay per acre will not be an exceptional yield in the Southeast. It is easily cured and should be cut when first coming into bloom. Hay is much softer than Johnson Grass, stems more slender and leafy. In feeding value it ranks high and will go far in providing a much more satisfactory forage crop and easily handled cured hay than sorghum and peas. Sudan Grass is a wonder in its "stooling out" qualities. For hay crop, broadcast or close-drill 30 to 35 Lbs. per acre. For growing a seed crop for your own future use, plant thinly in rows 18 inches apart, using 5 to 6 Lbs. of seed per acre. Plant Sudan Grass as soon as danger from frost is past. Recommended for the Cotton Belt and as far north as the Ohio River. Genuine Sudan Seed. Postpaid—Lb., 35c. 5 Lbs., \$1.50. 10 Lbs., \$2.75.

### 558 Sweet Sudan—New Sensation

Sensational new cross of regular Sudan and a disease-resistant sorghum that tremendously increases tonnage yields for hay or ensilage, giving greater feed value. Promises to eventually replace regular Sudan with same culture. Trial pound packages only, postpaid, 75c.

FOR ALL GRASSES SEE LARGER QUANTITY PRICES ON SPECIAL COLORED PRICE LIST. WRITE FOR A COPY

# 1945 VEGETABLE PLANTING CALENDAR

This planting schedule is given to make planning a garden and keeping it producing—EASY. Naturally, planting time varies as one goes north or south. In the extreme South, most vegetables may be planted through the winter months but this calendar is based on the middle South or Cotton Belt, about the latitude of Macon, Ga., Tuscaloosa, Ala., Greenville, Miss., Dallas, Tex. South

of this latitude planting will be earlier and in the upper South of course later. New York-Chicago latitude averages about one month later; Ohio River territory about 15 days later than this calendar.

Depth of planting is for medium loamy soils. In sandy soils, plant seed a little deeper, less deeply in heavy soils.

HASTINGS' SEED PACKAGES HAVE FULL SOUTHERN CULTURAL DIRECTIONS. BEST FOR THE SOUTH.

NAME OF VEGETABLE	Seed for 50 feet of row	How usually planted	Lbs. Seed to sow an acre	Distance between rows	Plants apart in row	Depth to plant	Time to Plant	Ready to Use
Artichoke, Tubers	2 lbs.	Drills	400 lbs.	3½ ft.	1 ft.	2 in.	Feb. to Apr.	6 mos.
Asparagus	½ oz.	Drills	4-5 lbs.	14-18 in.	3-6 in.	1 in.	Mar., Apr.	3 yrs.
Asparagus Roots	25 rts.	In Beds.	10,000 rts.	2 ft.	2 ft.	3 in.	Dec. to Apr.	2 yrs.
Beans, Bush	½ lb.	Drills	60 lbs.	2 ft.	3 in.	1 in.	Mar. to Aug. 15th	6-9 wks.
Beans, Pole	½ lb.	Drills	30 lbs.	3-4 ft.	8 in.	1 in.	Apr. to Aug. 1st	8-13 wks.
Beets	½ oz.	Drills	6-8 lbs.	14-24 in.	2-3 in.	¾ in.	Mar. to Sept. 1st	8-11 wks.
Broccoli	1 pkt.	Transplant	¼ lb.	2-3 ft.	1½-2 ft.	½ in.	Mar. to Apr.	3 mos.
Brussels Sprouts	1 pkt.	Transplant	¼ lb.	2-3 ft.	2 ft.	½ in.	Mar. to Apr., July to Sep.	4 mos.
Cabbage Seed	1 pkt.	Transplant	¼ lb.	2-3 ft.	14-24 in.	½ in.	Dec. to Mar.	4 mos.
Cabbage Plants	50	In Rows.	10,000 pls.	2-3 ft.	14-24 in.	3 in.	Feb.-Apr., July, Aug.	3-4 mos.
Cantaloupe	1 pkt.	In Hills.	1 lb.	5-6 ft.	4 ft.	1 in.	May, June	3 mos.
Carrot	1 pkt.	Drills	3-5 lbs.	1-2 ft.	2 in.	½ in.	Mar. to Sept.	8-10 wks.
Cauliflower	1 pkt.	Transplant	¼-½ lb.	3 ft.	2 ft.	½ in.	Mar. to Apr.	3 mos.
Celeriac	1 pkt.	Drills	½-1 lb.	2 ft.	6 in.	½ in.	Mar., Aug.	4 mos.
Celery	1 pkt.	Transplant	¼ lb.	2-3 ft.	4-6 in.	½ in.	Mar., Aug.	4-5 mos.
Chard, Swiss	1 oz.	Drills	8-10 lbs.	2 ft.	2-4 in.	1 in.	Mar. to Sept. 1st	8-11 wks.
Citron	1 pkt.	In Hills.	1 lb.	4-6 ft.	3 ft.	1 in.	May, June	3 mos.
Collard Plants	50	In Rows.	10,000 pls.	3 ft.	18 in.	3 in.	Feb.-Apr., July, Aug.	3-4 mos.
Collard Seed	1 pkt.	Transplant	¼-½ lb.	2-3 ft.	18 in.	½ in.	Feb.-Apr., July, Aug.	3-4 mos.
Corn, Garden, Pop.	1 pkt.	Drills	¼ lbs.	3-4 ft.	6 in.	1 in.	Apr. to July	3 mos.
Cos Lettuce	½ oz.	Transplant	1 lb.	2 ft.	10 in.	½ in.	Mar. to Sept.	2-3 mos.
Cress	1 oz.	Drills	10 lbs.	18 in.	3 in.	½ in.	Feb., Mar., Sept.	5 wks.
Cucumbers	1 pkt.	In Hills.	1-2 lbs.	4-5 ft.	3-4 ft.	1 in.	May, June	3 mos.
Eggplant Seed	1 pkt.	Transplant	¼-½ lb.	3-3½ ft.	18-24 in.	½ in.	Mar. to May	3-4 mos.
Eggplant Plants	24	In Rows.	7,500 pls.	3-3½ ft.	18-24 in.	3 in.	May, June	2 mos.
Endive	½ oz.	Drills	4-5 lbs.	18 in.	12 in.	¾ in.	Aug.	10 wks.
Fetticus, Corn Salad	2 oz.	Drills	10-12 lbs.	18 in.	4 in.	¾ in.	Feb., Mar., Sept., Oct.	6 wks.
Gherkins	1 pkt.	In Hills	1 lb.	4 ft.	3 ft.	1 in.	May, June	3 mos.
Gourds	1 pkt.	In Hills	1 lb.	4 ft.	4 ft.	1 in.	May, June	3-4 mos.
Herbs	2 pkts.	Drills	1-3 ft.	6 in.	6 in.	½ in.	Mar. to May	1-4 mos.
Horseradish Roots	50	In Rows.	20,000 pls.	3 ft.	1 ft.	2 in.	Feb., Mar.	6-12 mos.
Kale or Borecole	½ oz.	Transplant	4-5 lbs.	2 ft.	18 in.	½ in.	Feb. to Oct.	3-4 mos.
Kohl Rabi	2 pkts.	Transplant	½ lb.	18 in.	6 in.	½ in.	Mar., Apr.	8-10 wks.
Leek	¼ oz.	Drills	3-4 lbs.	1-2 ft.	2 in.	¾ in.	Mar., Apr., Sept.	4-5 mos.
Lettuce	1 pkt.	Transplant	3-4 lbs.	12-24 in.	4-8 in.	¾ in.	Mar. to Sept.	2-3 mos.
Mustard	½ oz.	Drills	4-5 lbs.	18 in.	4-6 in.	½ in.	Mar. to Oct.	4-6 wks.
Okra	1 oz.	Drills	10-12 lbs.	3-4 ft.	1 ft.	1 in.	Apr., May	3-4 mos.
Onion	1 pkt.	Drills	3-4 lbs.	1-2 ft.	3 in.	½ in.	Sept., Oct., Mar., Apr.	3-5 mos.
Onion Plants	100	In Rows.	60,000 pls.	1-2 ft.	3 in.	2 in.	Dec. to Apr.	3 mos.
Onion Sets	1 lb.	In Rows.	8-12 bu.	1-2 ft.	3 in.	1½ in.	Sept. to Apr.	3-4 mos.
Parsley	2 pkts.	Drills	3 lbs.	12-18 in.	4-6 in.	¾ in.	Mar., Apr., Aug.	3-4 mos.
Parsnips	2 pkts.	Drills	5 lbs.	2 ft.	4 in.	¾ in.	Mar., Apr.	4-5 mos.
Peas, Garden	½ lb.	Drills	60-120 lbs.	1-3 ft.	2 in.	1 in.	Mar. to May	7-9 wks.
Peas, Cow or Field	¼ lb.	Drills	30-60 lbs.	3 ft.	2 in.	2 in.	May to Aug.	3 mos.
Pepper	1 pkt.	Transplant	¼ lb.	3 ft.	2 ft.	½ in.	Apr. to June	3-4 mos.
Pe Tsai, Chinese Cabbage	1 pkt.	Transplant	¼-½ lb.	3 ft.	2 ft.	½ in.	Feb., Mar.	3-4 mos.
Potatoes, Irish, Tubers	7½ lbs.	In Rows.	500 lbs.	3 ft.	1 ft.	2 in.	Mar., Apr., July, Aug.	3 mos.
Potatoes, Sweet, Plants	25	In Rows.	6,000 pls.	4 ft.	2 ft.	3 in.	Apr., May	5 mos.
Pumpkin	1 pkt.	In Hills.	1-2 lbs.	8-10 ft.	4-6 ft.	¾ in.	May, June	3-4 mos.
Radish	½ oz.	Drills	8-10 lbs.	1 ft.	2 in.	¾ in.	Feb. to Sept.	3-6 wks.
Rape	1 oz.	Drills	4-10 lbs.	1-2 ft.	1 in.	½ in.	Feb. to Sept.	6-8 wks.
Rhubarb or Pie Plant	25 roots	Bed, Row	4,800 rts.	3 ft.	2 ft.	tips out	Feb., April	1-2 yrs.
Rutabaga	1 oz.	Drills	2-4 lbs.	3 ft.	4 in.	½ in.	Feb.-Aug.	10-14 wks.
Salsify	1 oz.	Drills	6-8 lbs.	18 in.	3 in.	¾ in.	Feb.-May	4-5 mos.
Spinach	½ oz.	Drills	10-15 lbs.	1-3 ft.	3 in.	1 in.	Feb.-May; Sept., Oct.	4-7 wks.
Spinach, New Zealand	1 oz.	Drills	8-10 lbs.	2-3 ft.	3 in.	1 in.	Apr.-July	2 mos.
Squash, Summer	½ oz.	In Hills.	3-4 lbs.	4 ft.	3½ ft.	1 in.	Apr.-June	2-5 mos.
Tomato	1 pkt.	Transplant	¼ lb.	3-4 ft.	3 ft.	½ in.	Mar.-Aug.	3-4 mos.
Tomato Plants	24	In Rows.	6,000 pls.	3-4 ft.	3 ft.	3 in.	May, June, Aug.	3 mos.
Turnips	1 oz.	Drills	2-4 lbs.	1-2 ft.	3 in.	½ in.	Feb.-Sept.	8-10 wks.
Turnip Greens	1 oz.	Broadcast	4-6 lbs.			½ in.	Feb.-Sept.	4-6 wks.
Watermelon	1 pkt.	In Hills.	1 lb.	8-10 ft.	4-6 ft.	¾ in.	May, June	3-4 mos.
Grass, Lawn, 1,000 sq. ft.	5 lbs.	Broadcast	150 lbs.			1 16 in.	Sept.-Mar.	1-2 mos.

## FIELD SEED PLANTING CALENDAR

CROP	Wt. Bu.	Seed Acre	Time to Plant	CROP	Wt. Bu.	Seed Acre	Time to Plant
Ailalfa	60 lbs.	20-25 lbs.	Feb., Sept.	Cowpeas	60 lbs.	60 lbs.	Apr.-July
Artichokes, Jerusalem	50 lbs.	400 lbs.	Mar.-Apr.	Crotalaria	10 lbs.	10 lbs.	Apr.-June
Beans, Mung	60 lbs.	10-15 lbs.	May-July	Feterita	50 lbs.	8-10 lbs.	Apr.-June
Beans, Large, Soy	60 lbs.	30-60 lbs.	Apr.-June	Grass, Sudan	40 lbs.	25 lbs.	Apr.-June
Beans, Small Soy	60 lbs.	10-15 lbs.	Apr.-June	Grass, Bermuda (Hulled)	20 lbs.	10 lbs.	May-Aug.
Beans, Velvet	60 lbs.	15-30 lbs.	Apr.-June	Grass, Pasture	50 lbs.	50 lbs.	Oct.-Mar.
Bene		5-10 lbs.	Mar.-May	Hegari, in drills	50 lbs.	8-10 lbs.	Apr.-June
Buckwheat	48 lbs.	48 lbs.	Mar.-Apr.	Lespedeza		15-30 lbs.	Mar.-Apr.
Cane, Sorghum	50 lbs.	50 lbs.	Apr.-June	Millet, Golden Br. Top	50 lbs.	50 lbs.	Apr.-June
Cane, Syrup	50 lbs.	12-15 lbs.	Apr.-June	Millet, Pearl	50 lbs.	10 lbs.	Apr.-June
Chufas	44 lbs.	11-16 lbs.	Apr.-June	Milo Maize	50 lbs.	8-10 lbs.	Apr.-June
Clovers, Most	60 lbs.	10-25 lbs.	Feb.-Oct.	Peanuts	25 lbs.	25-50 lbs.	Apr.-June
Corn, Chicken, Broom	50 lbs.	8-10 lbs.	Apr.-June	Rape	50 lbs.	4-10 lbs.	Aug.-June
Corn, Field, Roasting	56 lbs.	7-14 lbs.	Mar.-June	Sesbania		20-30 lbs.	May-July
Corn, Kaffir	50 lbs.	8-10 lbs.	Mar.-July	Sunflower		10 lbs.	Apr.-June



# 1945 FLOWER SEED PLANTING TABLE

This planting schedule is given to make planning a garden and keeping it planting EASY. Naturally, planting time varies as one goes North or South. In the extreme South, most flower seeds may be planted through the winter months but this calendar is based on the middle South or Cotton Belt, about the latitude of Macon, Ga., Tusculosa, Ala., Greenville, Miss., Dallas, Texas. South of this latitude planting will be earlier and in the upper South of course later. New York-Chicago latitude averages about one month later; Ohio River territory about 15 days later.

This table is for middle South climate and conditions. Allowances must be made. It is only a general guide. Abbreviations: T, tender; H, hardy; H H, half-hardy; A, annual; B, biennial; P, perennial. Months are numbered: 1, January; 2, February, etc. \*Following name denotes flowers suitable for rock gardens, which may be planted from seeds. Others may also be used.

NAME	Height of Plant	Shape of Plant	Color of Flowers	Good Cut Flowers	Best Use	Location Sun-Shady	Months to Plant	Months to Transplant	Blooming Months
Abronia, HHA	6-9 in.	trailing	yellow, pink	no.	edging	sunny	4-5	thin	6-10
Ageratum, HHA*	4-24 in.	bushy	blue, white	yes	bedding	sunny	1-4	4-5	6-11
Alyssum, HHA, HP*	2-12 in.	spreading	white	fair	edging	sunny	3-4	thin	5-11
Amaranthus, TA	24-60 in.	bushy	reds.	fair	bedding	sunny	3-5	4-5	6-10
Anticallis, A	8-15 in.	bushy	many	yes	bedding	sunny	3-5	thin	6-10
Anchusa, HA	18 in.	bushy	light blue	yes	border	sunny	3-5	thin	6-10
Anchusa, HP	3-5 ft.	bushy	blue	yes	border	shady	2-4, 9	3-5, 10-11	5-6
Anthemis, HP	15-24 in.	erect	yellow	yes	border	sunny	2-4, 7-9	4-5, 9-10	5-9
Antigonon Vine, HHP	8-10 ft.	vine	pink	yes	climbing	sunny	3-6	thin	7-10
Antirrhinum, HA*	1½-5 ft.	bushy	many	yes	bedding	any	3-5	4-5	6-10
Aquilegia, HP	24-48 in.	branchy	several	yes	borders	any	8-9	10-11	5-6
Arctotis, HA	18-24 in.	bushy	blue-white	yes	border	sunny	3-5	4-5	6-11
Armeria, HP*	6-8 in.	clump	rosy pink	yes	edging	sunny	2-4, 9	3-5, 10-11	5-9
Asters, A	12-30 in.	bushy	many	yes	bedding	any	1-6	4-5	6-11
Balloon Vine, A	8-10 ft.	vine	white	no.	shade	sunny	4-5	thin	6-10
Balsam, A	18-30 in.	erect	many	fair	border	sunny	3-5	4-5	6-10
Balsam Apple, A	15 ft.	vine	orange fr.	no.	novelty	sunny	4-5	thin	6-10
Baptisia, HP	3 ft.	bushy	blue	yes	bedding	sunny	3-6	thin	5-6
Bartonia, HA*	10-12 in.	bushy	yellow	yes	border	sunny	3-4	thin	6-9
Brachycome, HHA*	12 in.	bushy	several	fair	edging	cool	3-5	4-5 or thin	5-7
Browallia, TA*	12 in.	branchy	blue, white	no	bedding	any	3-4	4-5	5-10
Cactus, TP	3-8 in.	erect	several	no.	pots	sunny	2-5	5-6	ornamental
Calendula, HA	12-36 in.	bushy	yellows	yes	bedding	sunny	1-4	3-5	6-11
Calliopsis, HA	12-36 in.	bushy	yellows	yes	bedding	sunny	1-4	thin	6-10
Canary Bird Vine, HA	10 ft.	vine	yellow	no.	windows	cool	3-4	5	6-7
Candytuft, HA	12-18 in.	bushy	many	yes	bedding	sunny	3-4	thin	6-9
Candytuft, HP*	10-12 in.	branchy	white	yes	edging	sunny	2-4, 9	3-5, 10-11	4-5
Canna, TP	30-72 in.	erect	many	no.	bedding	sunny	2-3	4-5	7-11
Canterbury Bells, HA	24 in.	bushy	many	fair	border	sunny	2-3, 9	3-5, 10	8-10, 5
Canterbury Bells, HB, HP	18-42 in.	bushy	many	fair	border	sunny	3, 9	4-5	6-7
Cardinal Climber, HHA	25 ft.	vine	red	no.	climbing	sunny	3-5	4-5 or thin	7-10
Carnation, HHP	18-36 in.	bushy	many	yes	bedding	sunny	2-3	4-5	6-10
Celosia, HHA	24-36 in.	bushy	red, yellow	fair	bedding	sunny	3-5	thin	6-11
Centauria, HA, HP	24-36 in.	erect	many	yes	bedding	sunny	2-5	thin	6-9
Cerastium, HP*	4-6 in.	creeping	white	no.	rockery	sunny	2-4, 7-9	4-5, 9-10	4, 5
Cheiranthus, HB*	8-10 in.	bushy	orange	no.	rockery	sunny	2-4, 9	4-5, 10	6-9
Chrysanthemum, HA	24-36 in.	bushy	several	yes	bedding	sunny	3-5	thin	7-11
Clarkia, HA	15-30 in.	bushy	several	yes	border	any	3-5	thin	6-10
Cleome, HA	36-48 in.	branchy	pink, white	yes	border	sunny	4-5	thin	7-11
Clove Pinks, HP*	12 in.	clump	many	yes	edging	sunny	2-4, 9	4-5, 10	4-6
Cobea Scandens, TA	15-30 ft.	vine	purple	no.	climbing	sunny	3-5	4-5	6-8
Coleus, TA	12-24 in.	bushy	white	no.	bedding	sunny	2-3	4-5	for lvs.
Coreopsis, HP	15-36 in.	bushy	yellows	yes	bedding	sunny	2-4, 9	4-5, 10	6-10
Cornflower, HA, HP	1-3 ft.	erect	many	yes	border	sunny	11, 12, 1	5, thin	6-9
Cosmos, TA	48-72 in.	bushy	several	yes	bedding	sunny	4-5	thin	7-11
Crotalaria, TA	2-3½ ft.	bushy	yellow	yes	border	sunny	3-5	4-6	6-9
Crotalaria, TP	4-8 ft.	branchy	yellow	yes	border	sunny	3-5, 7-9	4-6, 9-10	6-9
Cypripedium, TA	10 in.	bushy	red	no.	bedding	any	4-5	thin	7-10
Cynoglossum, HA, HHP	18-24 in.	bushy	blue, pink	yes	border	sunny	3, 8	4-5, 10	5-11
Cypress Vine, TA	10-18 ft.	vine	red, white	no.	climbing	sunny	4-5	thin	6-11
Dahlia, TP	36-72 in.	bushy	many	yes	bedding	sunny	2-3	4-5	7-11
Daisy, HP*	10-30 in.	bushy	white, pink	yes	edging	any	2-3, 8	3-4, 10	5-10
Delphinium, HP	36-60 in.	tall	blues	yes	borders	sunny	1-8, 8	3-4, 10	5-7, 10
Dianthus, HA, HP*	4-18 in.	bushy	many	yes	bedding	sunny	3-5	thin	5-11
Didiscus, TA	24-36 in.	slender	blue	yes	cutting	shady	2-3	4-5	6-11
Digitalis, HB, HP	30-48 in.	erect	many	yes	border	shady	2-3, 8	3-4, 10	5-7
Dimorphotheca, HA*	8-12 in.	clump	many	yes	border	sunny	3-5	4-6	6-10
Delibes, TA	10 ft.	vine	several	no.	climbing	sunny	4-5	thin	6-8
Dusty Miller, HP	18-24 in.	spreading	purple	no.	edging	sunny	2-4	4-5	wht. leaves
Echinops, HP	3-4 ft.	erect	blue	yes	cutting	sunny	2-4, 7-9	3-5, 9-10	6-8
Echium, TA	12 in.	bushy	blue	no.	bedding	sunny	4-5	thin	7-9
Erysimum, HA	12-18 in.	erect	orange	fair	bedding	sunny	3-4	4-5 or thin	7-8
Eschscholtzia, HA*	10-12 in.	bushy	several	yes	bedding	sunny	3-5	thin	6-9
Euphorbia, TA, HA	2-4 ft.	bushy	red, var. lvs	no.	border	sunny	4-5, 2-4	thin	ornamental
Feverfew, HHP	18-24 in.	bushy	white, gold	yes	bedding	sunny	3-4	thin	7-11
Flax, HA, HP	12-30 in.	clump	red, blue	no.	bedding	shady	3-8, 7-9	thin, 4, 9	5-10
Forget-Me-Not, TP*	8-12 in.	bushy	bl. pk. wht	yes	edging	shady	3-4	thin	4-5, 10
Four O'Clock, HA	24-30 in.	bushy	many	no.	border	sunny	3-4	4-5	8-11
Gaillardia, HP, HA	18-30 in.	bushy	red, gold	yes	bedding	sunny	2-4	4-5	6-11
Geranium, TP	1 ft.	bushy	several	yes	pots	sunny	3-5	thin	4-10
Gerbera, HHP*	12-15 in.	tufty	red to yel.	grand	bedding	sunny	2-4, 7-8	4-5, 8-9	5-11
Genm, HP*	12-18 in.	tufty	red, yellow	yes	border	sunny	2-4, 7-9	3-5, 9-10	4-7
Glauc, A	12 in.	bushy	blue	yes	bedding	sunny	3-5	thin	6-10
Globe Amaranth, TA*	12-18 in.	bushy	purple, wht.	yes	bedding	sunny	4-5	thin	7-10
Godelia, A	12-18 in.	erect	many	yes	border	any	3-5	thin	6-10
Gourds, TA	8-10 ft.	vine	fruits	yes	climbing	sunny	4-6	thin	8-10

Index to all flower seed on page 92. Treat seed with Semesan to protect them from soil borne diseases. Small package 10c. Postpaid.

NAME	Height of Plant	Shape of Plant	Color of Flowers	Good Cut Flowers	Best Use	Location Sun-Shady	Months to Plant	Months to Transplant	Blooming Months
Gypsophila, HA★	18-24 in.	branchy	white	yes	border	sunny	4-5	thin	6 wks.
Gypsophila, HP	1/2-3/4 ft.	branchy	white, pink	yes	border	sunny	3-4, 9	4-5, 10	6-8
Helianthus, A	3 ft.	erect	yellow	yes	bedding	sunny	3-5	thin	7-9
Helichrysum, HA	21-36 in.	bushy	many	yes	bedding	sunny	2-4	4-5	6-10
Heliopsis, HP	4-5 ft.	bushy	yellow	yes	border	sunny	2-4, 7-9	3-5, 9-10	6-9
Heliotrope, TP	18-24 in.	bushy	several	fair	bedding	shady	2-5	4-5	5-11
Hibiscus, TP	24-60 in.	branchy	several	fair	specimen	sunny	3-4	thin	6-9
Hollyhock, HP, HA	5-8 ft.	slender	many	yes	border	sunny	2-3, 8	3-4, 10	6-9
Honesty, HA	18 in.	branchy	purple	yes	border	sunny	2-4	4-5 or thin	seed pods
Hop, Japanese, HHA	10-20 ft.	vine	var. lvs.	no	shade	sunny	4-5	thin	var. lvs.
Hunnemannia, TA	24 in.	bushy	yellow	yes	border	sunny	4-5	thin	9-10
Ice Plant, TA	24-36 in.	trailer	several	no	edging	sunny	4-5	thin	5-11
Ivy, Kenilworth, HP	36 in.	trailer	lilac	no	trailing	any	3, 8	4, 10	various
Jerusalem Cherry, TP	1 ft.	bushy	red fruit	no	pot	sunny	2-5	thin	8-12
Job's Tears, HA	2-3 ft.	erect	seed beads	no	novelty	sunny	4-5	thin	seed beads
Kochia, TA	36 in.	bushy	red	no	border	sunny	3-4	thin	9-11
Lantana, HA	24-36 in.	branchy	several	yes	bedding	sunny	2-4	4-5	6-11
Larkspur, HA	36-48 in.	tall	many	yes	bedding	sunny	10-4	thin	6-10
Lathyrus, HP	6-12 ft.	vine	pink, white	yes	blanket	sunny	1-4	3-4	6-10
Lily, HP	3-6 ft.	erect	blend	yes	border	either	2-4, 8-10	11-4, 2nd yr	6-7
Linaria Maroccana, HA★	12-18 in.	bushy	several	yes	rockery	sunny	3-5	thin	6-10
Linum, HA, HP★	12-30 in.	clump	red, blue	no	bedding	sunny	2-8, 7-9	thin, 4, 9	5-10
Lobelia, TA★	6-8 in.	bushy	blue	fair	edging	shady	3-4	3-5	6-10
Lupine, HA, HP	21-30 in.	erect	several	yes	border	shady	4-5	thin	6-9
Lychnis, HP	24-36 in.	clump	red	yes	border	sunny	2-4, 7-9	3-5, 9-10	5-8
Marigold, HA★	8-48 in.	bushy	yellow	yes	bedding	sunny	3-5	4-5	6-11
Matthiola, HA	15-24 in.	bushy	lavender	no	border	sunny	3-5	thin	5-9
Mignonette, TA★	10-12 in.	erect	several	yes	edging	sunny	4-5	thin	6-8
Mimulus, TP★	12 in.	trailing	many	no	border	shady	3-4	4-5	6-8
Mina Lobata, HHA	15-20 ft.	vine	white	no	climbing	sunny	2-4	4-5	7-10
Moonflower, TA	20-30 ft.	vine	several	no	for shade	sunny	3-5	4-6	6-11
Morning Glory, TA, P	20-50 ft.	vine	many	no	for shade	sunny	3-5	thin	6-11
Nasturtium, TA★	12 in. 8 ft.	bush, vine	many	yes	edging	sunny	4-6	thin	5-11
Nemesia, HHA	1 ft.	bushy	several	yes	bedding	sunny	3-5	thin	6-9
Nemophila, HA★	6-10 in.	erect	blue, white	no	massing	pt. shady	3-5	thin	6-7
Nicotiana, TA	30-42 in.	branchy	several	yes	border	sunny	3-5	5	6-8
Nierembergia, HHP	12-15 in.	bushy	lavender	no	bedding	pt. shady	4	thin	7-10
Nigella, HA	18-24 in.	bushy	blue, wht.	yes	border	sunny	3-5	thin	6-8
Oenothera, TB as TA	24-36 in.	bushy	yellow	no	border	sunny	3-4	thin	5-9
Pansy, HHP★	4-6 in.	clump	many	yes	edging	any	1-3, 9	3-4, 10	4-6, 10
Passion Flower, TP	15 ft.	vine	blue	no	climbing	any	2-3	4-5	6-10
Pentstemon, HHP	18-30 in.	erect	many	yes	border	sunny	2-4, 7-9	4-5, 9-10	6-9
Petunia, HA-TP	9-24 in.	bushy	many	fair	bedding	any	2-5	4-5	5-11
Phacelia, HA★	12-18 in.	tuft	blue	no	edging	sunny	2-5	thin	5-10
Phlox, HHA, HP★	12-36 in.	bushy	many	yes	bedding	sunny	3-5	thin	6-9
Physalis, HP	18-24 in.	branchy	red pods	yes	drying	sunny	2-4, 7-9	3-5, 9-10	2nd yr.
Physostegia, HP	3-4 ft.	erect	lilac	yes	border	any	2-4, 9	3-5, 10	6-9
Platycodon, HP	18-30 in.	bushy	blue, white	yes	border	sunny	2-4, 7-9	4-5, 9-10	6-7
Poppy, HA, HP	24-60 in.	erect	many	yes	bedding	sunny	1-4	thin	6-9
Portulaca, TA	4-6 in.	creeping	many	no	edging	sunny	4-5	thin	6-10
Pyrethrum, HP★	12-24 in.	erect	several	yes	border	sunny	2-4, 7-9	4-5, 9-10	5-6
Queen Anne's Lace, A	2 ft.	erect	white	yes	bedding	sunny	3-5	thin	6-9
Ricinus, TA	5-10 ft.	branchy	bronze lvs.	no	massing	sunny	4-5	thin	big leaves
Rudbeckia, HA	2-3 ft.	bushy	gold	yes	border	sunny	3-5	thin	6-11
Rudbeckia, HP	3-4 ft.	bushy	purple	yes	border	sunny	2-4, 9	3-5, 10	6-11
Salpiglossis, HHA	18-30 in.	bushy	many	yes	border	any	3-5	4-5	6-11
Salvia, TA, HP	24-42 in.	bushy	red, blue	yes	bedding	sunny	3-5	4-5	6-11
Sanvitalia, TA★	4-6 in.	creeping	yellow	yes	edging	sunny	4-5	thin	6-10
Saponaria, HA	24-30 in.	bushy	pink	yes	bedding	sunny	4-7	6-9	6-9
Scabiosa, HA-HP	24-30 in.	bushy	many	yes	bedding	sunny	3-5	4-5	6-11
Scarlet Runner, A	10-12 ft.	vine	red	no	climbing	sunny	1-5	thin	6-10
Schizanthus, TA★	12-18 in.	bushy	many	yes	pot, bed	cool	2-3	3-4	4-6
Silene, HP	18-30 in.	bushy	several	yes	border	any	2-4, 7-9	3-5, 9-10	5-10
Statice, HA, HP	18-30 in.	bushy	several	yes	bedding	sunny	3-5	4-6	6-10
Stocks, HA	24-30 in.	bushy	many	yes	bedding	sunny	3-5	4-5	6-8
Stokesia, HP	18-24 in.	branchy	blue, white	yes	border	sunny	2-4, 7-9	3-5, 9-10	5-10
Sunflower, HHA	48-72 in.	erect	yellow	yes	borders	sunny	4-5	thin	7-8
Sweet Pea, HA	4-8 ft.	vine	many	yes	cutting	sunny	12, 3	thin	3-6
Sweet Sultan, HA	24-36 in.	bushy	many	yes	border	sunny	11, 12, 1-5	thin	5-7
Sweet William, HP	12-24 in.	bushy	many	yes	bedding	sunny	1-4	3-4	5-6
Tagetes, TA, P★	8, 18 in.	bushy	yellow	yes	edging	sunny	3-5, 7-9	thin	6-11
Thunbergia, HHA	4-5 ft.	vine	several	no	climbing	sunny	4-5	thin	6-11
Tithonia, TA	4-6 ft.	branchy	tangerine	yes	cutting	sunny	4-6	thin	7-11
Torenia, TA★	10-12 in.	bushy	blue	no	bedding	shady	2-5	4-6	5-11
Tritoma, HHP	3-4 ft.	erect	orange red	yes	bedding	sunny	2-4, 9	4-5, 10	8-11
Verbena, HHP★	6-10 in.	creeping	many	yes	edging	sunny	2-5	3-5	6-10
Veronica, HP	10-36 in.	erect	blue	yes	border	sunny	2-4, 7-9	3-5, 9-10	6-9
Vinca, TP as TA	15-18 in.	bushy	pink, wht.	fair	bedding	sunny	2-5	4-5	6-11
Viola, HA, HP★	6 in.	tuft	many	yes	bedding	any	2-4, 8-9	3-5, 10-11	4-10
Virginian Stocks, HA★	6-8 in.	bushy	several	yes	edging	sunny	3-4	thin	5-7
Wallflower, HA★	12-18 in.	bushy	many	yes	bedding	sunny	3-5	4-5	6-7
Xeranthemum, HHA	2-3 ft.	bushy	several	yes	border	sunny	4-5	thin	6-11
Zinnia, HHA	24-36 in.	bushy	many	yes	bedding	sunny	3-5	4-6	6-11

## HASTINGS' FRESH DATED SEEDS FOR SOUTHERN SOILS AND CLIMATE

In looking through these tables and descriptions and in choosing the flowers that will give the color effects, harmony, and balance for your garden you may know that the strains and varieties listed are the ones that are best suited to the generality of our own Southern soil and seasonal conditions.

From a long study involving thousands of miles of inspection and checking trips, with our own trial and experimental gardens, giving practical experience for many years, Hastings' is in a better

position to serve your needs than ever before and with the many new and interesting flowers you can depend on being up to date with the finest seeds available anywhere in the seed world.

Hastings' Seeds are all pre-tested in our own laboratories and are dated as well for your garden's protection. Whether you choose the old favorites or the new All-America selections, you get the best strains for Southern climate directly from Hastings.

# Hastings' "Dixie Strain" Flower Seeds

ARE SELECTED SPECIALLY FOR SOUTHERN GARDENS

In over fifty years of experience in serving Southern gardeners we have consistently bred and selected strains as well as varieties of flowers and vegetables that are best suited and acclimated to our South-

ern conditions. These following pages are filled with tested and proven kinds for your garden—new All-America winners (we conduct the Southern regional flower and vegetable test gardens, under the supervision of our Mr. Donald Hastings).

yes, and better strains of favorites of Mother's and Grandmother's day, and we believe we are thus better equipped to serve you than any other firm in the entire world. Let us prove it now for this year.

Attractive Plantings Call for the Finest, Truest, Most Uniform—Hastings' Strains—of Flower Seeds, Bulbs and Plants.

## HASTINGS' FLOWERS

Flower Seeds, Bulbs and Plants for Spring Planting are described on the following pages. For Hedges, Evergreens, Shrubs, Trees and other Hardy Outdoor Nursery Stock, write for Hastings' Nursery Annual before March 15th. In the listing of flower seed the following abbreviations are used: TA, Tender annual. HA, Hardy annual. HHA, Half hardy annual. HB, Hardy biennial. TP, Tender perennial. HP, Hardy perennial. \* means dwarf growth suitable for rock gardens or similar situations.

### Planning the Garden

Make a plan for final or lasting results. Unsightly places, as back yards, fences and house foundations should be screened from view—all other views left unobstructed except by low-growing plants. Plan to show off the home as a pleasing sight. Don't jump in and patch up your place for immediate results. Plan to add to the beauty of your home each year.

There is nothing mysterious about success with flowers. They require care and common sense. The work cannot be left to a farm hand. It must receive careful personal attention. By observing the following rules you will have little cause for failure.

Remember, that with the best plants and flowers your garden will be the show place of the community.

### Directions on Packets

Planting directions are on each packet of seeds we send you. Most flowers are easy to grow if we use these simple directions.

### Planting the Seed

Make the surface as fine and smooth as possible. Cover each kind of seed to a depth proportionate to its size; very small seeds, like petunias, should be merely sprinkled on the surface of the ground, and barely covered with Peat Moss or clean sand; press the soil down firmly over the seeds with a brick or a short piece of board. For larger seeds the depth should be regulated according to the size of the seeds, those the size of a pinhead,  $\frac{1}{4}$  inch deep, and those the size of a pea,  $\frac{3}{4}$  of an inch or more. Get a piece of lath (it would be better if planed smooth) about two feet



Hastings' Seeds Make the Finest Gardens

long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted, scatter the seed along this, allowing 4 or 5 of the larger to 15 or 20 of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing; turn your lath flatwise and press the soil down firmly. On light, sandy soils flower seeds should be covered twice the depth that they should be in stiff or heavy clay soils.

### Sowing in Boxes

Many flowers will stand transplanting. Many of them grow better for having been transplanted. In sections liable to late spring frosts or where drought comes in spring, it is advisable to sow seeds in shallow boxes which can be placed in a warm, sunny window or on a porch. This is always advisable with the expensive seeds and those of a tropical nature, such as coleus, salvia, etc. These need a warm soil to start the seeds. Sow the same as in open ground, and keep the soil moist, but not soaking wet. If surface of soil shows tendency to cake or crust sprinkle peat moss or sand lightly over the surface. Small seeds cannot force their way through a crusted surface. As soon as plants reach a height of 2 to 3 inches they may be transplanted, taking as much earth as possible with each plant, so as not to disturb the roots more than necessary.

### Drainage

Almost all flowers thrive best in well drained beds that do not hold excess moisture to sour the plant roots. Dig out the beds 18 to 30 inches deep to penetrate the subsoil so water can pass quickly through after heavy rains. Fill in with rich mellow loamy soil and peat moss as this retains the right amount of moisture for the plants' needs, even during drought.

### The Soil

A mellow loam, which is a medium soil between the extremes of clay and sand, enriched by a compost of old manure and leaf mold, or peat moss or peat humus, is adapted to the generality of flowering plants. Previous to planting flower beds or borders care must be taken that they are so arranged that the ground is a little elevated in the middle, allowing the water to run off, this also shows off the plants to better advantage.

### Seed Varieties

Most kinds of flowers are represented by several varieties. They may not only be different in color but may also be of different types, shapes or heights. Note these differences, in our descriptions, so to order varieties best suited to your garden.

**STRAINS** are frequently mentioned. After a new variety is introduced, good seed growers select ideal plants for seed stocks. These develop ideal or improved strains. Each year should show some further improvement; more true, more ideal, stronger, healthier plants and more or better flowers. Extra care, pulling out all off-type plants, experienced help in every seed growing operation, make the finest strains much more beautiful and satisfactory than common field-run seeds. Naturally you get the finest strains from Hastings in Atlanta. Remember, cheap seeds may sprout but best seeds produce best crops—or flowers.

### SEMESAN SEED TREATMENT

We recommend the treatment of flower seed with Semesan in the prevention of "damping off" and many other soil borne diseases. It is an organic mercury disinfectant that has given excellent results. Trial packet with directions, 10c. Postpaid.



Formal Garden of Pleasing Beauty, Using Edging Plants for Outlines—Beds of Perennials, Bulbs and Annual Flowers,



# Flowers Help Heal Quickly The Wounds of War



(4232) Amaranthus Caudatus, 10c



(4245) Amaranthus Molten Fire

## ABRONIA HHA.

More commonly called "California" or "Sand Verbena." Especially adapted to the light, sandy and clay lands of the Lower South. A trailing plant that grows luxuriantly in dry, open soils. Sow seeds in April.

4005 MIXED COLORS—Best shades of yellow and rosy pink in best varieties. Pkt., 10c. Oz., 40c.

## AGERATUM HHA.

A great favorite garden flower for bedding and borders in the South. Native of Mexico that easily withstands heat of our summers. It blooms all summer, also if seed is sown in the fall it makes splendid box or pot plants for winter. Sow seed in open ground in April, or earlier in boxes for transplanting. Plants grow 12 to 18 in. high, with light green foliage and many clusters of small, tassel-like flowers. Dwarf Ageratum grows 4 to 8 in. high. Just about the most satisfactory annual in the garden, delightful with Rosy Morn Petunias.

4140 BLUE AND WHITE MIXED—12 in. tall. Pkt., 10c.

4142 BLUE MEXICAN—12 in. Pkt., 10c.

4148 WHITE IMPERIAL—12 in. tall. Packet, 10c.

★4152 BLUE BALL—4 in. Pkt., 20c.

4144 NEW MIDGET BLUE—1940 All-America Silver Medal Winner. 3-4 in. Low compact plant covered with small azure blue flowers. Pkt., 25c. 3 for 60c.

## ALYSSUM HHA. HP.

Free flowering, mostly annuals of quick growth, beginning to bloom in early spring and continuing for a long time. Excellent for borders and flower beds, as they are of close, compact growth and even in height. All are covered with a mass of bloom. Sow seed thinly, in shallow drills.

★4212 CARPET OF SNOW—Procumbens. Grows only 2-3 inches tall, very compact, spreading ground cover. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

★4220 LILAC QUEEN—6 in. Deep lilac. Compact growth. New! Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

★4214 LITTLE GEM—4 to 6 in. white. Compact growth. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

4217 SWEET ALYSSUM—12 in., white. Pkt., 10c. Oz., 50c.

★4226 PERENNIAL ALYSSUM—Saxatile Compactum. Called Gold Dust and Basket of Gold. Grows 9-12 in. tall, compact, old gold or deep yellow flowers in profusion. Good for edging and rockwork. Hardy. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

## AMARANTHUS TA.

Annual plants, grown for foliage and the showy flower.

4232 CAUDATUS—Love Lies Bleeding. Stiff, erect growth, 3 feet high; numerous sprays of rich crimson red flowers hang gracefully over, giving the romantic name of "Love Lies Bleeding." Pkt., 10c. Oz., 40c.

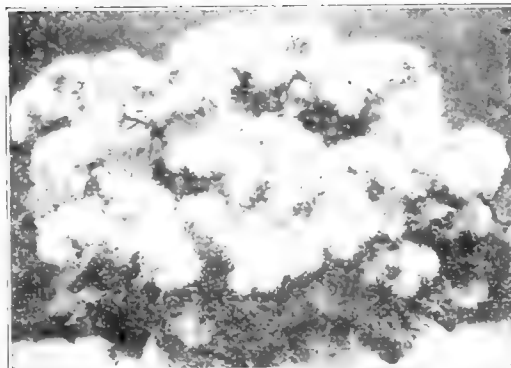
4234 TRICOLOR. Joseph's Coat. Old favorite with a profusion of brightly colored leaves making showy display. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

4245 MOLTEN FIRE—Combustion Plant. Showy leaves like fountain of Molten Fire; variegated bright red shades, on 3-ft. erect plants. Superb showy plants. Pkt., 15c. 1/4 Oz., 45c. Oz., \$1.40.

## ANAGALLIS HHA.

PIMPERNEL—Delightful new flower for America; a border, edging, low bedding and box plant of great charm and in good taste. Rich, yet soft colors of pink, rose, lavender, purple and blue the predominating color. Grows 10 to 12 inches high, and blooms profusely.

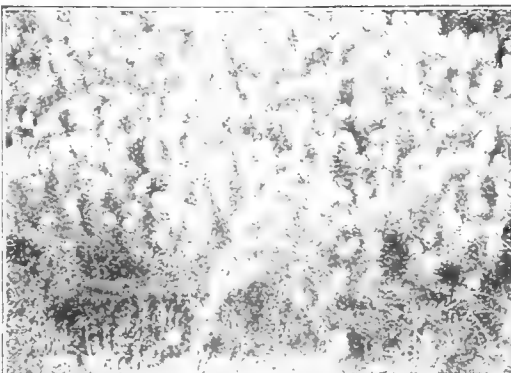
4280 GRANDIFLORA MIXED—Pkt., 10c. 1/2 Oz., 45c.



(4152) Ageratum Blue Ball, 20c



★(4212) Alyssum, Carpet of Snow, 10c



(4217) Sweet Alyssum for Borders, 10c



(4280) Anagallis Grandiflora, Pimpernel, 10c

## California Mixed Wild Flowers

As most California flowers do exceedingly well in Southern Gardens this glorious mixture of 30 choicest varieties should be literally a bower and riot of color for a mixed flower bed, or for roadside and vacant lot plantings. A lovely range of color to brighten any situation and make beautiful almost any unsightly place.

5070—Pkt., 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.50. Lb., \$5.00.

## MIXED FLOWER GARDEN

A grand mixture of nearly 100 varieties of easily grown annuals for the children's garden, for school gardens, roadside plantings, or for beautifying vacant property. Many reseed themselves to come back for many years, making a real investment in beauty. A treasure chest for Garden Clubs in civic projects.

7840—Pkt., 10c. Oz., 25c. 1/4 Lb., 75c. Lb., \$2.00. 5 Lbs., \$7.50.

# Snapdragons Can Be Your New Favorites

HP; treat as HA. Maximum Snapdragons—Nothing yet introduced, both in size and in height, 2-3 ft. A single stem group grows 12-15 in. tall, staking, fine for beds and borders. Very early in boxes or pots. Growing in sunny position. Soil must be warm. Give loamy, well-drained and plenty of water; set plants 1 ft. apart. Easily grown.

**DWARF—LARGE FLOWERED—12 in.** Tall; Need No Staking. Very practical garden snapdragons for bedding effect.

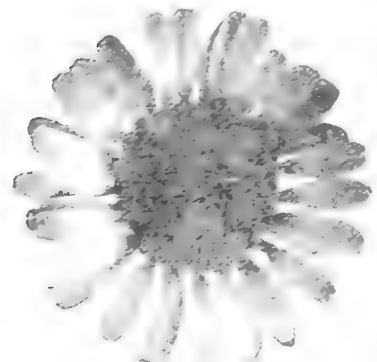
**4430 DWARF RUST-RESISTANT MIXED**—Finest Nanum Grandiflorum varieties in our color balanced formula mixture. Pkt., 15c. 1/4 Oz., 90c. Oz., \$3.00.



(4470) Aquilegia—Columbine, 35c  
Our Long Spurred Hybrids



Anchusa, Cape Forget-Me-Not



(4334) Anthemis Kelwayi, 10c

**TALL MAXIMUM, SUPER GIANTS. 2-3 ft.** Varieties come 80 per cent or better, true to color. Newest rust-resistant varieties.

**4400 MAXIMUM RUST-RESISTANT MIXED**—Certificate of Honor, 1935 All-America Selections. Finest tall, Snapdragons, now about 85% "rust-proof" and latest improved strains. No rust has been found on them in our plantings. Pkt., 20c. 1/8 Oz., 70c. 1/4 Oz., \$1.20. Oz., \$4.00

**4403 ALASKA—Rust-Resistant. White.** Finest new white. Many base branching stems to each plant. Pkt., 25c.

**4402 APPLE BLOSSOM—Rust-Resistant. Pink.** Huge rosy pink with white throat. Long base-branching stems. Packet, 25c.

**4405 CAMPFIRE—Rust-Resistant. Scarlet.** Pure luminous scarlet, with yellow lip. Many long spikes blooming together. Pkt., 25c.

**4406 COPPER KING—Rust-Resistant. Copper-Orange.** With all copper shades. Long base-branching spikes. Packet, 25c.

**4408 CRIMSON—Rust Resistant. Long blood red spikes** with mammoth florets. Pkt., 25c.

**4409 LOVELINESS—Rust-Resistant. Soft Pink.** Full soft rose pink to excite thrills from everyone. Pkt., 25c.

**4410 PARADISE ROSE—Rust-Resistant. Pink.** Loveliest of all clear rose pinks. New. Pkt., 25c.

**4420 ROSALIE—Rust-Resistant. Rose Pink. Newest** 1940 All-America winner. Huge spikes of intense rose pink. Pkt., 25c. Supply critically short.

**4411 YELLOW GIANT—Rust-Resistant. Yellow.** Richest yellow, gracefully placed on many base-branching spikes. Packet, 25c.

## AQUILEGIA—COLUMBINE (Plants, p. 70)

HP. Prolific bloomers, choicest cut-flowers on long, wiry stems. Garden and border subject; about the easiest perennial to start from seed. Light, airy foliage, graceful and our Long Spurred Hybrids are a greatly improved Mrs. Scott Elliot's strain, most expensive but finest of all. Bloom first year from seed if started early, transplanting outside in early spring.

**4472 BLUE SHADES—Long Spurred Hybrids. Pkt., 35c.** 1/16 Oz., 50c. 1/4 Oz., \$1.60.

**4475 CHRYSANTHA—Gold Spurred, golden yellow.** Pkt., 20c. 1/8 Oz., 50c. Oz., \$3.00.

**4470 HASTINGS' LONG SPURRED HYBRIDS—Mixed** Colors, with long spurs, finest Columbines in existence. Pkt., 35c. 1/16 Oz., 50c. 1/4 Oz., \$1.60.

## ANCHUSA HA. HP. (Plants, p. 70)

Popular blue flowers. There are two types, the hardy annual and hardy perennial Italica. Both have beautiful Forget-Me-Not type blue flowers but larger.

**4292 BLUE BIRD—HA.** Fine, compact, free growing hardy annual. 18 in. high with lovely sprays of indigo blue flowers appearing early and continuing profuse blooming all summer. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

**4302 ITALICA—Dropmore Variety.** The newest and finest; valuable and beautiful hardy border perennial. Grows 3 to 5 feet tall in partial shade and in May and June is covered with sprays of the richest gentian-blue flowers. Valuable blue flower, one of the finest hardy perennials. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

## CORAL VINE—Cib. Antigona TP.

**4332 A. Leptopus. Mountain Rose.** Tender but vigorous growing vine blooming gorgeously in late summer and fall in showy racemes of clear pink flowers. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c. Tubers, \$1 ea. 3 for \$2.50. (Page 73).

## ANTHEMIS—Hardy Golden Marguerite HP.

Chamomile—Hardy Golden Marguerite. Finely cut, fern-like foliage with yellow daisy-like flowers from May to October. Valuable for cutting as well as popular for borders. Plants on page 70.

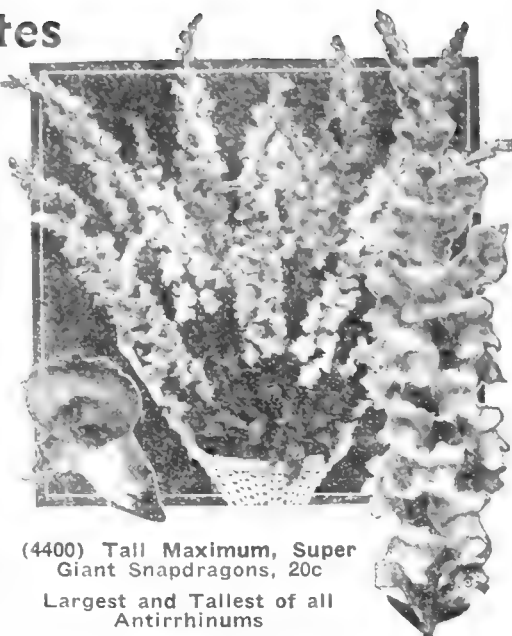
**4334 KELWAYI—15 to 24 in. tall; fine for cutting.** Packet, 10c. 1/2 Oz., 45c. Oz., 80c.

## ARCTOTIS—AFRICAN DAISY HA.

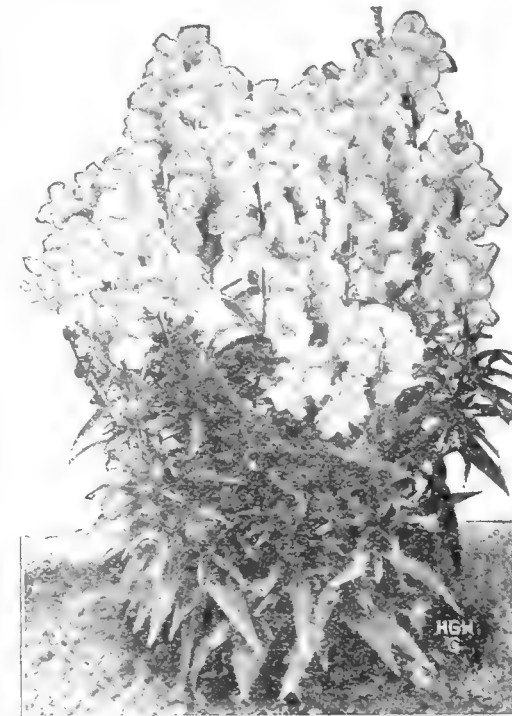
AFRICAN DAISIES—Appearing like refined and colored Shasta Daisies and about the same size, these 2-ft. branching plants with dandy cutting flowers are summer bloomers.

**4524—GRANDIS—White, blue under petals.** Striking and lovely contrast. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

**4520 HYBRIDS—Hastings' beautiful autumn colors** for something exquisitely different. New art shades mixed. Pkt., 45c. 1/16 Oz., 75c. 1/4 Oz., \$2.00.



(4400) Tall Maximum, Super  
Giant Snapdragons, 20c  
Largest and Tallest of all  
Antirrhinums



(4420) Snapdragon Rosalie  
Rust-Resistant, 25c

## ARMERIA—SEA PINKS HP.

**GREAT SEA PINK—Tufty, grassy evergreen** foliage surmounted by slender, stiff, wiry, 12-in. stems with dense giant clover-like flower heads. Rosy pink to purplish crimson flowers, suitable for cutting.

**4565 FORMOSA HYBRIDS—Pkt., 15c.** 1/4 Oz., 80c.

**FULTON'S**  
**PLANTABBS**  
Odorless Plant Food Tablets  
Containing Vitamin B<sub>1</sub>

The new miracle working plant food and vitamin that is making possible so much finer flowers and plants indoors and outdoors. We recommend it to you. 30 tablets, 25c. 75 for 50c. 200 for \$1.00. Postpaid.

# YOU CAN GROW THESE WILT - RESISTANT ASTERS

We recommend these new wilt-resistant Asters to you to plant in rather rich but well drained soils protected from too much midday and afternoon sun.

## 4700 Hastings' Unrivalled Mixed Asters TA.

WILT-RESISTANT—Over 20 varieties of the finest wilt-resistant asters grown. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

## American Branching Asters

WILT-RESISTANT—A type of very strong growing Asters, blooming in late July and August. 24-30 in. 4630 MIXED COLORS—Branching. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.10.

4631 PURPLE—Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

4632 AZURE BLUE—Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

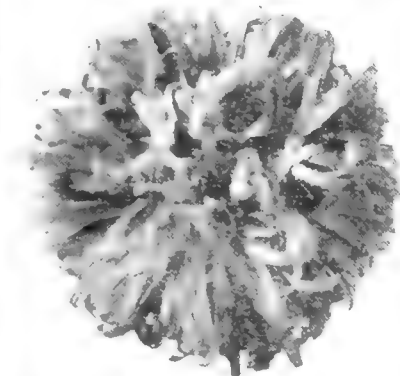
4636 PEERLESS PINK—Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

4638 SENSATION SCARLET—Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

4639 WHITE—Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

## Giant Crego Asters

WILT-RESISTANT—Full double, feathery appearance. 4650 GIANT CREGO MIXED—Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.10.



(4695) Early Giant Light Blue, 25c All-America Winner

## New Early Giant Wilt-Resistant

4695 LIGHT BLUE—1939 All-America. New, huge giant flowered type into which full wilt-resistance has been bred. Very lovely clear light blue, daintily plumed. Pkt., 25c. 1/8 Oz., 50c. 1/4 Oz., 90c.

4696 PEACH BLOSSOM—Another superb new wilt-resistant giant. Opens white, later flushing lavender pink. Pkt., 25c. 1/8 Oz., 50c. 1/4 Oz., 90c.

4697 ROSE MARIE. Rich new rose pink giant. Perfect! Pkt., 35c. 1/8 Oz., 70c.

## Giant California Sunshine Asters

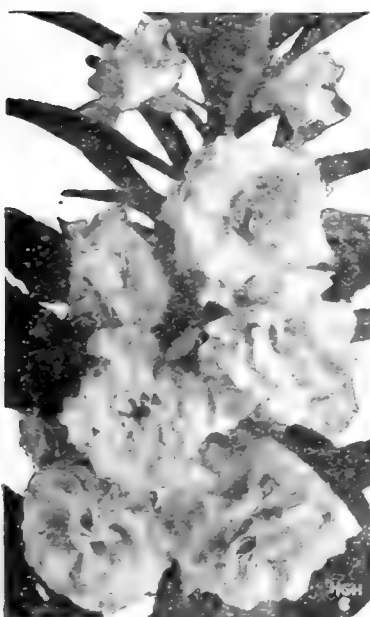
New; entirely different type. Full centers of tubular petals, creating charming one color tint contrasting with long wavy outer petals of another color. Not wilt-resistant. 4710 MIXED COLORS—Pkt., 20c. 1/8 Oz., 40c.

## BARTONIA AUREA

4825 TA. Easily grown 2 ft. annual for sunny beds. Bright yellow, single, fragrant, star like flowers in summer. Pkt., 10c.

## \*BRACHYCOME

4950 SWAN RIVER DAISY. HHA. 10 in. dwarf, daisy-like, blue, white and lavender flowers. Pkt., 10c.



(4770) Royal Prize Balsam, 10c. (Touch-me-not)

## New Early Beauty Asters

WILT-RESISTANT—Profuse bearers of fully doubled flowers, stocky compact

4640 EARLY BEAUTY MIXED—All shades. Pkt., 10c. 1/4 Oz., 50c. Oz., \$1.60.

4641 AZURE FAIRY BLUE—Packet, 15c. 1/8 Oz., 35c. Oz., \$2.00.

4642 EARLY DEEP ROSE. Pkt., 15c. 1/8 Oz., 35c. Oz., \$2.00.

4643 CRIMSON—Packet, 15c. 1/8 Oz., 35c. Oz., \$2.00.

4644 PURPLE — Pkt., 15c. 1/8 Oz., 35c. Oz., \$2.00.

4647 SEPTEMBER BEAUTY PINK — Pkt., 15c. 1/8 Oz., 35c. Oz., \$2.00.

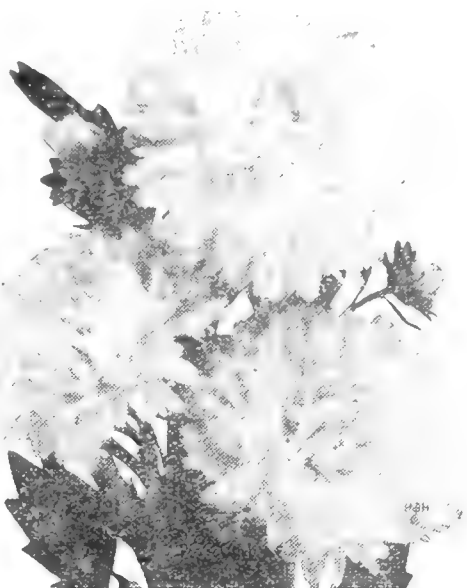
4649 EARLY BEAUTY WHITE—Pkt., 15c. 1/8 Oz., 35c. Oz., \$2.00.

## BALSAM—TOUCH-ME-NOT TA.

4770 HASTINGS' ROYAL PRIZE—Camellia Flowered Mixed. Pkt., 10c. Oz., 50c.

## Cactus To Grow From Seed

5050. Mixed. Easily grown fancy assortment. Start in boxes same as other seed. Transplant to pots or boxes or outdoors after frost, using a well-drained sandy loam soil. Fancy dwarf. Pkt., 25c.



(4700) From Hastings' Unrivalled Mixed Asters, 10c

## 4820 BAPTISIA AUSTRALIS HP.

3 ft. Lupine-like blue flower spikes in May, June. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c.

## CLB. BALSAM APPLE TA.

4800 10-15 ft. Rapid grower with attractive foliage. Yellow apple shaped fruit burst to discharge seed, showing red interior. Pkt., 10c.

## CLB. BALLOON VINE TA.

4750 Cardiospermum—10-15 ft. Rapid grower. Small white flowers followed by inflated seed pods. Pkt., 10c. Oz., 75c.

## Clb. Scarlet Runner Bean TA.

4845 6 ft. A true pole bean having brilliant scarlet decorative flowers in large sprays. Pkt., 10c. 1/4 Lb., 25c. Lb., 80c.

## CALENDULAS FOR EARLY SPRING GARDENS

HA. One of the best and showiest free-flowering hardy annuals, growing well in any garden soil. Plants 12 to 20 in. high.

5110 HASTINGS' MIXED—All Calendula colors. Pkt., 10c. Oz., 35c.

5112 BALL'S GOLD IMP.—Finest type; special florists' strain of richest deep golden yellow. Pkt., 10c. Oz., 60c.

5113 BALL'S LEMON (Queen). Florists' strain golden yellow, dark center. Pkt., 10c. Oz., 60c.

5114 BALL'S ORANGE IMP.—Florists' strain of richest orange. Large uniform rounded double flowers. Pkt., 10c. Oz., 60c.

5115 CAMPFIRE—Improved. Rich orange with scarlet sheen. Packet, 10c. 1/2 Oz., 45c. Oz., 80c.

5116 LEMON QUEEN—Sunflower yellow, unique, largest size. Florists' favorite yellow. Pkt., 10c. Oz., 50c.

5123 ORANGE FANTASY—New crested variety of coppery orange-edged mahogany red. Pkt., 10c. Oz., 80c.

5124 ORANGE KING—Florists' strain; dark reddish orange with darker center. Flatter and darker than The Ball. Pkt., 10c. Oz., 60c.

5125 ORANGE SHAGGY—1935 All-America. Pkt., 10c. Oz., 50c.

5127 SUNSHINE—Chrysanthemum. 1934 All-America Gold Medal Winner. Clear buttercup yellow. Pkt., 10c. Oz., 60c.

## CALLIOPSIS FOR SUNNY SUMMER BEDS

ANNUAL COREOPSIS—HA. Bright showy annuals.

5133 GOLDEN CROWN—Drummondii. Semi-double dwarf; 1 1/2 to 2 ft.; richest gold-yellow. Pkt., 10c.

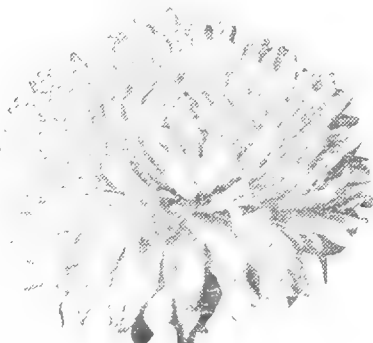
5140 TALL MIXED—All colors; 2-3 ft. high. Pkt., 10c. Oz., 35c.

5146 SPLENDENS—Hastings' tall golden yellow single annual with dark brown center. Pkt., 10c. Oz., 50c.

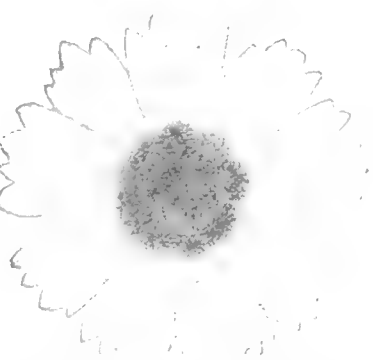
## COREOPSIS HP. THE BURST OF THE SUN

5683 DOUBLE SUNBURST—Golden self color; 2 1/2-in. blooms on long stems. Pkt., 10c. 1/2 Oz., 70c. Oz., \$1.20.

5685 MAYFIELD GIANT—HP. Superb cut-flower and showy border plant. Rich golden yellow. Pkt., 10c. Oz., 40c.



(5127) Calendula Sunshine, 10c



(5146) Calliopsis Splendens, 10c



# SHOWY GARDEN CANDYTUFT

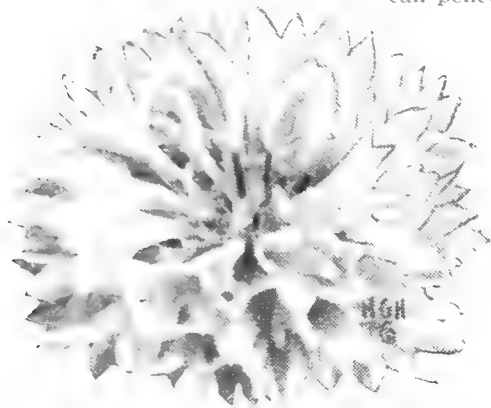


(5190) Cup-And-Saucer Bells

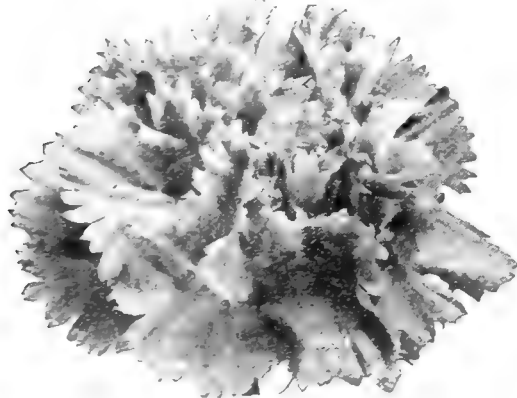
HA. HP. Showy, branching plants, bearing terminal clusters of beautiful flowers in a wide range of colors.  
5230 MIXED—All shades. Pkt., 10c. Oz., 50c.  
5234 DARK CRIMSON—Pkt., 10c.  
5236 FLESH PINK—Flesh. Pkt., 10c.  
5238 LAVENDER—Lilac. Pkt., 10c.  
5246 ROSE CARDINAL—Rosy red. Pkt., 10c.  
5247 WHITE—Pure white. Pkt., 10c.  
5253 GIANT HYACINTH FLOWERED WHITE—Extra select strain. Largest and best. Pkt., 10c. 1/2 Oz., 50c.  
★5255 PERENNIAL CANDY TUFT—*Iberis sempervirens*. Dwarf, hardy evergreen, 6 to 10 in. high. Fine for rock gardens and borders. Crop failure. Sorry!

## CANNAS TO BLOOM ALL SUMMER

See Page 83 for Canna Roots of separate varieties. Seeds have a hard shell which must be cut so moisture can penetrate. Start in boxes in Feb. or March.  
5260—Mixed—Pkt., 10c. Oz., 50c.



(5390) Cornflower—Batchelor's Button, 10c



(5280) Carnation, *Enfant de Nice*, 45c



(5359) Celosia—Chinese Woolflower, 10c

## CANTERBURY BELLS (Plants, p. 70)

5170 ANNUAL CANTERBURY BELLS MIXED — 1933 Gold Medal Winner. 2-2 1/2 ft. tall, 6-8 flower spikes per plant. Blooms in 6 months. Great. Pkt., 10c. Oz., 80c.

5171 ANGELUS BELL—HA. 1934 Award of Merit. Violet-blue. Pkt., 10c. 1/4 Oz., 40c.

5175 WEDDING BELL—Exquisite white. Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

5174 LIBERTY BELL—HA. 1934 Award of Merit. Violet-blue. Pkt., 10c. 1/4 Oz., 40c.

5190 CUP-AND-SAUCER MIXED — HB. Similar to the Single except with a large calyx to look like a saucer for the cup or bell. Pkt., 10c. 1/4 Oz., 50c. Oz., \$1.60.

## CLB. CARDINAL CLIMBER

5275 IPOMOEA QUAMOCLIT SCHLOTE-RI—25 ft. Vigorous climber with fern like foliage covered with small cardinal red morning glory flowers until frost. Pkt., 25c.

## HARDY CARNATIONS

5310 MARGUERITE — An everblooming Carnation, blooming in 4 months from seed. Mixed Colors—Pkt., 15c. 1/4 Oz., 70c.

5290 HASTINGS' DOUBLE GIANTS — These grand Carnations will come into bloom in six months from seed. Mixed Colors—Pkt., 25c. 1/8 Oz., 80c.

5292 CARDINAL RED — SPARKLER — Richest red. Pkt., 35c. 1/8 Oz., 90c.

5298 ROSE PINK—THE PEARL—Opens with lilac tint. Pkt., 35c. 1/8 Oz., 90c.

5294 WHITE — JEANNE DIONIS — Pure white. Extra fine. Pkt., 35c. 1/8 Oz., 90c.

5296 YELLOW — MARIE CHABAUD — A real primrose yellow. Pkt., 35c. 1/8 Oz., 90c.

5280 NEW ENFANT DE NICE — About 90% come double; larger than Double Giants and well branched. Magnificent for outdoor use. Mixed—Pkt., 45c.

## CELOSIA, COCKSCOMB HHA.

5370 CELOSIA CRISTATA—"Cockscomb," so popular for the fiery red and rich yellow velvety heads. Dwarf. Mixed. Pkt., 15c. 1/4 Oz., 60c. Oz., \$2.00.

5380 CELOSIA PLUMOSA — Heads instead of being close are loose and feathery. Mixed. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.

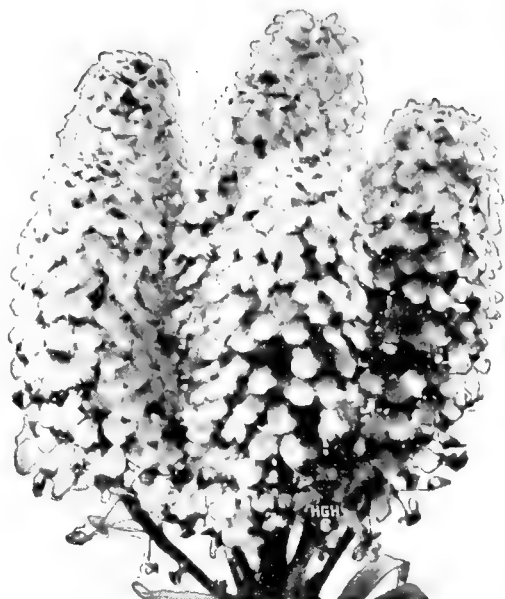
5360 CHINESE WOOLFLOWER — *Celosia Childsii*. Scores of branches, each bearing a ball of scarlet or gold wool. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.

## CERASTIUM

5455 SNOW IN SUMMER—Hardy Perennial. White. Miniature 1/2 in. daisy-like flowers cover the whole plant early in season. Pkt., 15c.

## KOREAN CHRYSANTHEMUMS

Seed not available this year. See plants on page 71.



(5253) Giant Hyacinth Flowered Candytuft

## CENTAUREAS—CORNFLOWER

HA. Plant seed directly in beds where they are to grow. Best to sow very early.

5390 BACHELOR'S BUTTON—Cornflower—Ragged, Robin—Cyanus. HA. Double. Mixed—Pkt., 10c. Oz., 50c. 1/4 Lb., \$1.50.

5392 BLUE BOY CORNFLOWER—Double flowered, blue. Pkt., 10c. Oz., 60c.

5393 NEW PINKIE CORNFLOWER—Double Rose Pink. New. Pkt., 10c. Oz., 60c.

5396 RED BOY CORNFLOWER—A striking, new, ruby red. Pkt., 10c. Oz., 60c.

5398 BLACK BOY CORNFLOWER—Deepest maroon. New novelty. Pkt., 10c. Oz., 60c.

5400 SNOW MAN CORNFLOWER — All white. Very lovely. Pkt., 10c. Oz., 60c.

COLLECTION—1 PKT. EACH—ABOVE  
5 named Varieties (Value 50c) for 35c.

5410 JUBILEE GEM — 1937 All-America Dwarf blue. Pkt., 15c. 1/8 Oz., 40c.

5415 DUSTY MILLER—White Leaved, *Centaurea Gymnocarpa*. Silvery leaves, used for bedding. Pkt., 10c. Oz., 60c.

5420 SWEET SULTAN—*Centaurea Imperialis*. Long-stemmed, 2 1/2 in. blossoms; fragrant. Mixed Colors—Pkt., 10c. Oz., 60c.

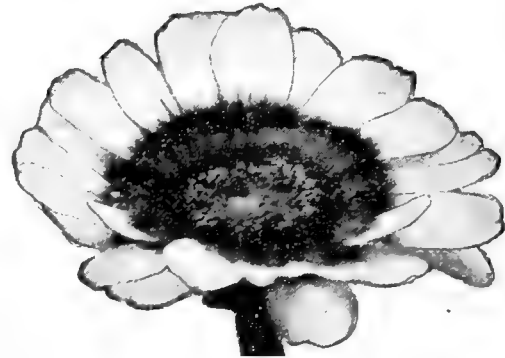
## ANNUAL CHRYSANTHEMUMS

HA. Grow easily from seed.

5480 SINGLE TRICOLOR MIXED—Three colors in each flower in pleasing, yet striking contrasts. Pkt., 10c. Oz., 40c.

5490 ELDORADO—*Segetum*. New Canary yellow single, proving most excellent in the South, where it is easily grown. Striking flowers, fine for cutting. Pkt., 10c. Oz., 40c.

5500 DOUBLE MIXED—Selected strains; fine double flowers. Pkt., 10c.



(5480) Single Tricolor Chrysanthemums, 10c

# COSMOS ARE SO EASY TO GROW!

## NEW COSMOS NOVELTIES

5736 NEW DOUBLE KLONDYKE COSMOS. This new double Klondyke Cosmos adds another brilliant flower and we recommend it to you unreservedly. Pkt., 15c.

5737 YELLOW KLONDYKE—1942. All-America Silver Medal. Brightest yellow duplicate of Orange Flare and a real addition to offer. Pkt., 15c.

## GIANT SINGLE COSMOS

TA. Handsome, very free flowering annual, originally from Mexico. Adapted to the entire South. Covered with flowers in mid and late summer.

5735 EARLY ORANGE FLARE—Klondyke 3 ft. 1935 All-America Gold Medal Winner. Gorgeous deep brilliant orange single flowers and handsome foliage adapted to sunny locations. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c.

5740 GIANT SENSATION MIXED—1936 All-America selection. Newest, finest and largest yet. Pkt., 10c. Oz., 60c.

5710 GIANTS OF CALIFORNIA—Early mammoth flowering, twice the size of common Cosmos. Pink, white and crimson mixed. Pkt., 10c. Oz., 40c.

5712 GIANT CRIMSON—Crimson flowers. Pkt., 10c.

5714 GIANT PINK—Deep pink flowers. Pkt., 10c.

5716 GIANT WHITE—Pure white flowers. Pkt., 10c.



(5740) Giant Sensation Cosmos, 10c.

## CLARKIA

HA. Very popular annual; quite hardy, standing considerable cold, and of the easiest culture. They are rapid growers and constant bloomers in delicate and very brilliant shades from May to September. Sun or shade, 2-4 ft. high.

5570 DOUBLE MIXED ELEGANS—Make fine cut-flowers. Pkt., 10c. 1/4 Oz., 35c.

## COIX—JOB'S TEARS

5630 JOB'S TEARS—Lachrymae. Ornamental seeds that are used for beads borne on grassy like plants. Pkt., 10c.

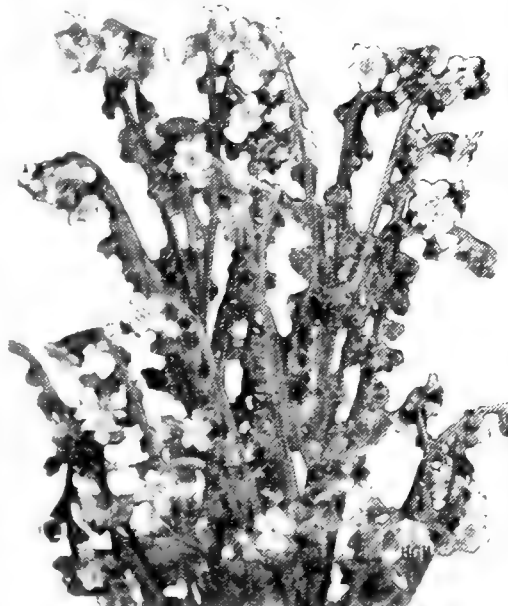
## CYNOGLOSSUM

CHINESE FORGET-ME-NOT — HHA. HHP. 2 ft. tall. Beautiful annual introduced as a novelty from China. It has quickly become deservedly popular. Flowers are Forget-Me-Not blue and pink and look the same as Forget-Me-Nots. The plant is much stronger, however, branching from the crown and producing beautiful sprays of blue or pink flowers through the summer.

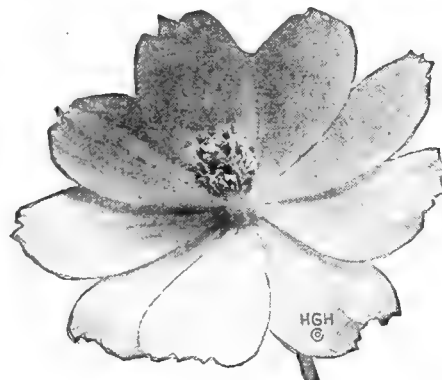
5812 BLUE CYNOGLOSSUM—Real blue. Early. Pkt., 10c. Oz., 30c.

5814 PINK CYNOGLOSSUM—Bright pink. Late. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

5816 DWARF FIRMAMENT — 10-12 in. 1939 All-America. Ultramarine blue flowers on dwarf stocky plants easily, quickly grown. Pkt., 10c. Oz., 60c.



Cynoglossum—Blue or Pink, 10c



(5737) Yellow Klondyke Cosmos, 25c

## EARLY CROTALARIA

5755 C. SPECTABILIS, EARLY. Japanese Sweet Pea. A very showy lupine like plant giving very brilliant spikes of rich yellow pea flowers in late summer and lasting well as a cut flower on long stems. Easily grown and roots enrich the soil. Pkt., 10c. Oz., 20c.

## CHOICEST DAHLIA SEED

TP. Easily raised from seed in the South, blooming late the first season. Sow seed in February in shallow boxes; place in a warm sunny position. When danger of frost past, transplant to open. 5870 SUPERB DOUBLE MIXED—Seed saved from the finest decorative type varieties, including all shades and colors. Pkt., 35c.

5860 MIGNON DAHLIA, UNWINS DWARF HYBRIDS—New, easily grown, bushy bedding Dahlias, 2 to 3 ft. high. Bloom the first year from seed and free-flowering each year from July until frost. Single flowers in rich, bright shades of red rose, yellow, white and lavender. Pkt., 25c.

### NOTICE!

The world's finest named varieties of Dahlias come true to name only directly from the tubers from selected plants. See the greatest selection of Dahlias for the South on pages 84, 85, 86. All thoroughly tested.



(5720) Double Crested Cosmos, 20c

## DOUBLE CRESTED COSMOS

5720 EXTRA EARLY DOUBLE—Mixed. Pkt., 20c. 1/8 Oz., 50c.

5722 CARNELIA—Double Crimson. Pkt., 25c. 1/8 Oz., 70c.

5724 PEACH BLOSSOM — Double Pink. Pkt., 25c. 1/8 Oz., 70c.

5726 WHIRLWIND—Double White. Pkt., 25c. 1/8 Oz., 70c.

## Dwarf Yellow Cosmos

5732 BIDENS HUMULUS—Rich golden yellow 5-petaled flowers on more dwarfed and bushy plant. The star-like 1 to 1 1/2 inch flowers are lovely with the finely cut foliage. Pkt., 10c. Oz., 50c.

## CHEIRANTHUS—Wallflower

5466 SIBERIAN WALLFLOWER — HA. Of low, spreading, compact growth; lance-like foliage, 4 to 6 in. high. Flowers profusely in umbels like Candytuft. Pkt., 10c. Oz., 50c.

## CLEOME—Giant Spider Plant

5608 NEW PINK QUEEN—1942 All-America. A lovely new pink flowered plant for bedding in sunny places and to attract bees and butterflies. Pkt., 15c.

## Clb. Cobaea Scandens TA.

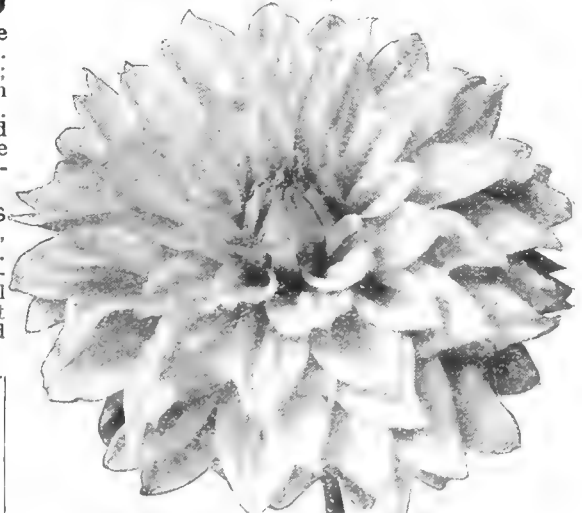
5625 15-20 ft. Splendidly adapted vigorous climber with violet purple bell shaped flowers. Pkt., 10c.

## CLB. CYPRESS VINE TA.

10-12 ft. Graceful vines easily grown Profusion of star-shaped blossoms.

5830 MIXED—Pkt., 15c.

5836 SCARLET—Pkt., 15c.



(5870) Superb Double Dahlias, 35c

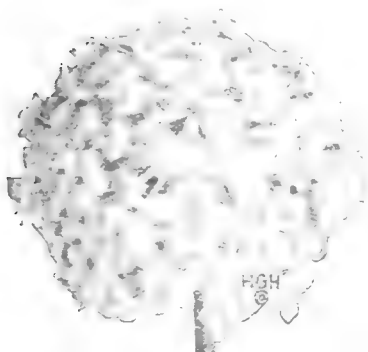
# Dianthus—Cheery Garden Pinks



5970 Hastings' Superb Mixed Dianthus, 10c

## DIDISCUS—BLUE LACE

6022 BLUE LACE FLOWER—Coeruleus. TA. Fine cut-flower of exquisite heads of minute flowers on slender stems. Pkt., 10c.



(6022) Didiscus, Blue Lace, 10c



(6050) Digitalis—Foxglove, 10c.

Hardy annual Garden Pinks are extremely popular all over the South.

5970 HASTINGS' SUPERB MIXED—This magnificent mixture contains all the Chinese and Japanese Pinks. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

5950 CHINENSIS DOUBLE MIXED—All shades and colors of free flowering double China Pinks. Pkt., 10c. Oz., 80c.

5960 JAPANESE DOUBLE MIXED—Hedewigii. Excellent choice of varied double flowers. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

5964 LACINIATUS SINGLE MIXED—Single fringed flowers in all colors. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

5965 LACINIATUS DOUBLE MIXED—Fringed and frilled double flowers in many colors. Pkt., 10c. 1/2 Oz., 70c. Oz., \$1.20.

6000 SWEET WIVELSFIELD—New Hybrid. New greatly prized Hardy Annual. Wide range of colors. 1 ft. Pkt., 10c. 1/2 Oz., 70c. Oz., \$1.20.

## A Word About Flower Seed

Naturally the growing of flower seed has been decreased to considerable extent during these critical war times. Our supplies for 1945 are only moderate but of our usual superb quality. Our suggestion is to order your needs early to avoid disappointment.

## SHASTA DAISY—NEW GIANTS OF THE GARDEN

HP. Shasta Daisy Plants on Page 71. 5895 WESTRALIA—Best early from seed. Pkt., 10c. 1/4 Oz., 50c. Oz., \$1.60.

5510 MRS. C. LOWTHIAN BELL—Huge new giant with tall stems for best cutting. Pkt., 10c. 1/4 Oz., 50c.

## ANNUAL AND PERENNIAL DELPHINIUMS HA, HP Plants, p. 71)

For satisfaction they must bloom before hot weather. Give good drainage.

5940 HASTINGS' HYBRIDS—Exquisite long, dense spikes in all blue shades of single, semi-double and double flowers. Pkt., 25c. 1/8 Oz., 70c.

5934 NEW PACIFIC GIANTS. Vetterle and Reinelt strain. Positively the finest of all Delphiniums in existence. Unbelievably huge double flowers of exquisite color on tallest stems. Pkt., 65c. 3 for \$1.50.

5922 BELLADONNA IMP.—Clear, light turquoise blue; tall spikes and a free bloomer. Cliveden Beauty Strain. Pkt., 35c.

5924 BELLAMOSUM IMP.—Richest Phenyl blue. Pkt., 35c.

5914 ANNUAL CAMBRIDGE BLUE. Pkt., 20c. 1/8 Oz., 40c. Oz., \$2.40.

## EUPHORBIA

6328 SNOW ON THE MOUNTAIN—E. variegata. HA. Decorative leaves green, edged white. Pkt., 10c. Oz., 50c.

## Vitamin B1 for Your Plants

Full directions with each purchase. Vitamin B1 stimulates the rooting systems of established plants and aids wonderfully in transplanting flowers and vegetables. Every gardener in the South should keep a season's supply on hand at all times as it holds its strength indefinitely and it's impossible to overdose or "burn" any plant by its use. Full garden size with guaranteed satisfaction or money back, postpaid, for \$1.00. Special trial size (same material with no guarantee), 25c.

## DIGITALIS—FOXGLOVE HB.

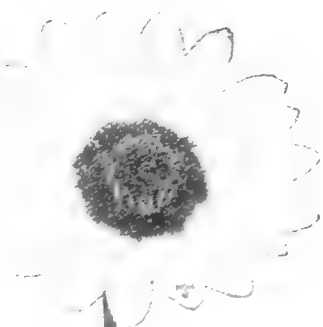
6050 THE SHIRLEY—Stately picturesque beauty. White, yellow, rose and purple flowers, gloriously spotted. A popular favorite in all old-fashioned gardens. Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

## CLB. DOLICHOS TA. TP.

6080 HYACINTH BEAN—10 ft. Purple pea flowers. Pkt., 10c. Oz., 30c. 6088 AUSTRALIAN PEA VINE—Lignosus. 10 ft. Rose pea flowers. Pkt., 10c. 1/4 Oz., 50c. Oz., \$1.60.

## ECHIU—FOR BEDDING

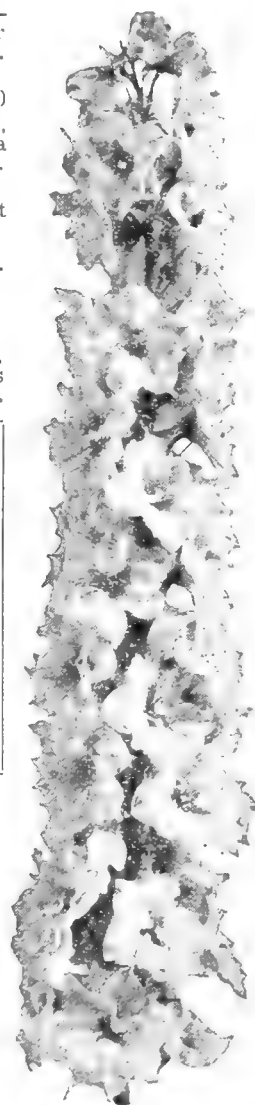
6190 BLUE BEDDER—A. Grand bedder with many dainty cup flowers. Long season. Pkt., 10c. Oz., 60c.



(6075) Blue Eyed African Daisy, 25c



(5895) Shasta Daisy, 10c



(5934) Delphinium Pacific Hybrids, 65c



# Brightest California Poppies

## Eschscholtzia

Easily grown, quick flowering summer annuals for bright color effects.

- 6280 SINGLE MIXED—Cup-shaped single flowers. Pkt., 10c. Oz., 40c.  
 6290 DOUBLE MIXED—Semi-double. All colors. Pkt., 15c.  
 6285 GOLDEN WEST—Single, yellow with orange center. Pkt., 10c. Oz., 40c.  
 6281 AURANTIACA—Rich orange, the true California Poppy. Pkt., 10c. Oz., 40c.  
 6283 CARMINE KING—Deep carmine red, cream inside. Pkt., 10c. Oz., 60c.  
 6286 MANDARIN—Bicolor orange and scarlet. Pkt., 10c. Oz., 60c.  
 6287 ROSY QUEEN—Rose pink, delightful. Pkt., 10c. Oz., 60c.

## FEVERFEW — Matricaria

HP. Flowers very double. Live through the winter outdoors in the lower South.

- 6394 IMPR. DOUBLE WHITE—12 in. tall, popular favorite. Packets only 25c. Scarce!

## FLAX — Linum

Summer flowering annuals and perennials that are very popular throughout the South.

- 7462 SCARLET—L. rubrum. HA. Brilliant summer annual for beds and borders. Pkt., 10c. Oz., 50c.  
 7466 BLUE—Linum perenne sibericum. HP. Valuable blue border perennial. Pkt., 10c. Oz., 50c.

## FORGET-ME-NOT — Myosotis

HHP. Favorite for shady bedding and edging. Doing best in a moist, shady position.

- 6412 BLUE ALPESTRIS—Pkt., 25c.  
 Seed very scarce. Order early!

## FOUR O'CLOCKS

- 6440 MIRABILIS—Marvel of Peru. HA. Showy, large free-flowering annual adapted all over the South. Pkt., 10c. Oz., 40c.

## GAILLARDIA

BLANKET FLOWER—HP. Thrives even in the driest soils, daisy-like flowers.

- 6500 INDIAN CHIEF—Picta Annual. Large single bronzy red flowers. Pkt., 10c. 1/2 Oz., 50c.  
 6515 GRANDIFLORA SUPERBA—Choicest perennial mixed. Pkt., 10c. 1/2 Oz., 70c. Oz., \$1.20.  
 6506 THE DAZZLER—Very largest dark, rich red with bright orange petal tips. Pkt., 15c. 1/4 Oz., 50c. Oz., \$1.60.

## GERANIUMS FROM SEED

6588 ZONALE—TP. Geraniums grow readily from seeds and with care bloom in several colors the first summer. Enjoy the thrill of originating your own varieties of these most popular favorites of all house plants. It's a challenge to your skill as a gardener to follow them through from seed to blooming plant. Pkt., 25c.



## GERBERA DAISIES

- 6590 TRANSVAAL DAISY—HHP Jamesoni Hybrids. Handsomest Daisy and last longer than any other. Set plant root-crown above surface. Pkt. (25 seeds), 35c. Strickly fresh seed only.

## GEUM

AVENS—HP. 12 to 24 in. tall. Popular, very pretty erect herb for border, rockery or pot plants.

- ★6615 LADY STRATHEDEN—Double golden yellow. Pkt., 25c.  
 ★6618 MRS. BRADSHAW—Showy, double fiery scarlet. Pkt., 20c.

## GILIA

- 6632 G. Capitata. TA. Graceful for garden and cut-flowers. Dainty blue flower. Pkt., 10c. Oz., 50c.

## GLOBE AMARANTH

- 6650 TRUE BACHELOR'S BUTTON—Gomphrena or Straw Flower. TA. Popular old-time favorite; like the red clover bloom and is a good everlasting. Mixed—Pkt., 10c. 1/2 Oz., 30c. Oz., 50c.

## GODETIA

- TA. Beautiful azalea-like flowers on long spikes. 6700 TALL DOUBLE—Pkt., 15c.

## ORNAMENTAL MIXED GOURDS

- 6740 MIXED—TA. Various sizes and shapes growing vigorously. Pkt., 10c. Oz., 30c.

## GYPSOPHILA—Baby's Breath

BABY'S BREATH—HA. HP. Light, airy, 2 to 3 ft. plants with small foliage.

- 6804 NEW LONDON MARKET-ANNUAL—Improved Paris Market. Largest misty white panicles of pure white, miniature blooms. Pkt., 10c. Oz., 30c. 1/4 Lb., 90c.  
 6812 PANICULATA—PERENNIAL—Single, miniature, white flowers. Pkt., 10c. Oz., 50c.  
 6814 REPENS ROSEA—Dwarf. Pkt., 25c.

## HELIANTHUS—Sunflower

- 6860 STELLA—A. Single miniature sunflowers thriving anywhere sunny. Pkt., 10c.

## HELICHRYSUM—Strawflower

- 6870 EVERLASTING OR STRAW FLOWER—HA. Waxy lavender, white, pink, yellow, and red flowers which last for months after being cut. Pkt., 15c. 1/4 Oz., 50c. Oz., \$1.60.

## FEED PLANTABBS IN 1945

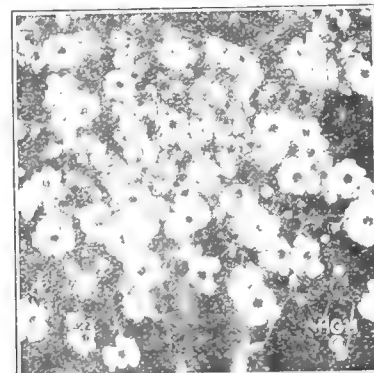
Vitamin B1 is most effective only when there is an abundance of plant food available in the soil surrounding the roots. The unbeatable team of readily available plant food and Vitamin B1 is to be had in Plantabbs, the ideal combination for pot and box plants indoors and for small beds outdoors. 30 tablets, 25c. 75 for 50c. 200 (economy size) for \$1. Postpaid.



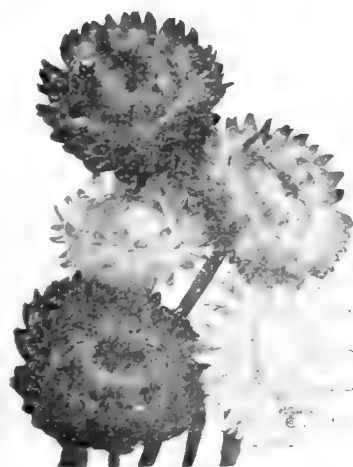
★ (6281) Eschscholtzia or California Poppy, 10c



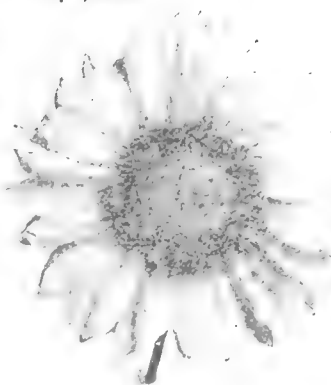
(6394) White Feverfew, 25c



★ (6804) Gypsophila, Annual, 10c



(6870) Helichrysum—Strawflower, 15c



(6515) Gaillardia

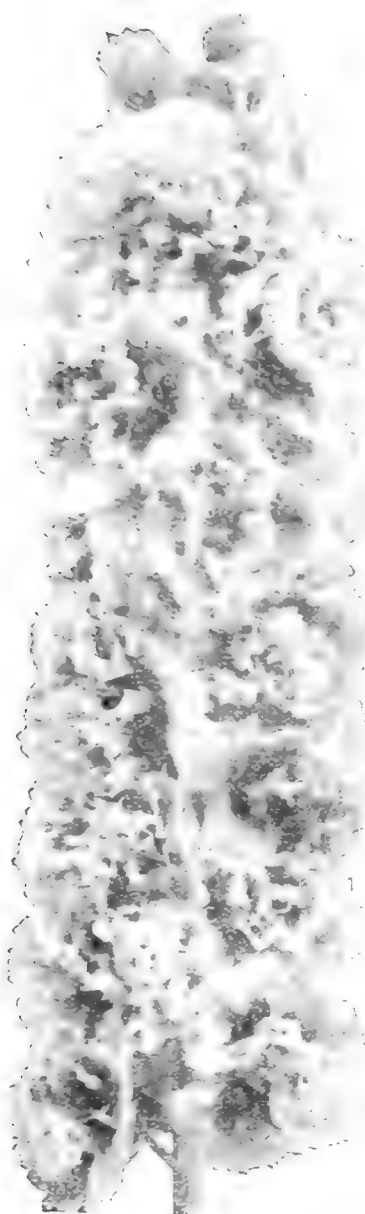


(6590) Gerbera, Transvaal Daisy, 35c



(6632) Gilia—Thimble Flower, 10c

Buy FRESH Seed—Order DIRECT From Hastings—Buy War Bonds



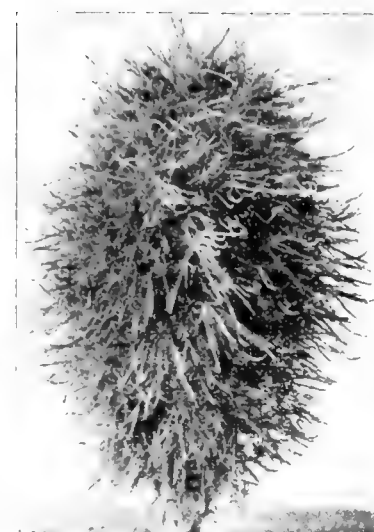
(7020) Triumph Hollyhock, 20c



(7515) Honesty, Money Plant, 15c



(7260) Lantana (see p. 61)



(7230) Kochia or Burning Bush

## NEWEST AND OLD FASHIONED HOLLYHOCKS

HP, HA. Sow in early spring, in boxes or beds; when 6 to 8 in. high, transplant 1½ to 2 feet apart. Give rich soil in a moist location.

7000 **DOUBLE MIXED**—The finest double Chater varieties. All colors. Pkt., 15c. ¼ Oz., 70c. Oz., \$2.40.

7004 **NEWPORT PINK**—Dbl Pkt., 20c.

7006 **SALMON ROSE**—Double. Pkt., 20c.

7007 **SCARLET**—Double. Pkt., 20c.

7008 **SULPHUR YELLOW**—Dbl. Pkt., 20c.

7020 **DOUBLE TRIUMPH HOLLYHOCKS**—Mixed Colors. Immense new fully double, wavy, fringed flowers. Finest, greatest Hollyhocks. Pkt., 20c.

7038 **ANNUAL INDIAN SPRING, 1939**. All-America winner. Large semidouble pink to rose fluted flowers. Superb. Blooms in 6-8 months. Pkt., 10c.

7040 **SINGLE MIXED**—Old fashioned singles. Pkt., 10c.

## HONESTY-LUNARIA—MONEY PLANT HA.

Money Plant, Moonwort, Satin-Flowers. 1½ to 3 ft. tall; erect branching, broad leaves and magenta-purple flowers, followed by flat moon-shaped seed pods. These papery, satiny pods are used in dry bouquets, lasting for months. Best in part shade.

7515 **HONESTY**—Pkt., 15c.

## HUNNEMANIA TP.

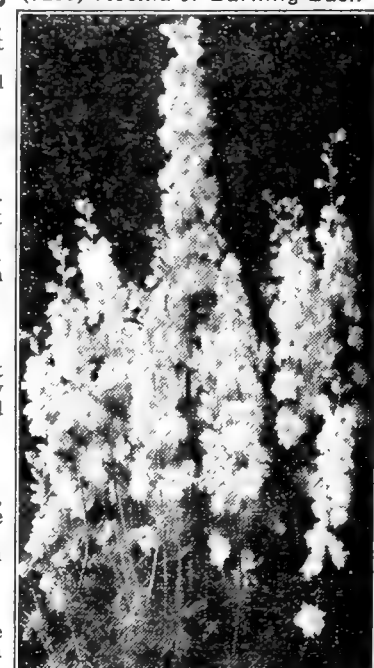
**GIANT YELLOW TULIP POPPY**—Santa Barbara Poppy. Rich, golden yellow, 3-in., terminal Tulip-shaped flowers with crepe petals on slender, 12-in. stems.

7066 **SUNLITE**—Award of Merit 1934 Semi-double, stays open at night. Pkt., 10c.

## KOCHIA—Mexican Burning Bush TA.

**SUMMER CYPRESS**—Easily grown. It soon forms a cypress-like hedge of symmetrical form and lively green color. On approach of cool weather the whole plant becomes a deep red.

7230 **KOCHIA CHILDSI**—Pkt., 10c. Oz., 40c.



(7278) White King Larkspur

# New Giant Double Larkspur for Early Blooms

**SPECIAL COLLECTION OFFER.** 1 Pkt., each: Blue Spire, Exquisite Pink, Lilac Queen, Gloria Rose, and White King (50c value) for 35c.

For fine double flowers buy fresh, selected seeds each year, saved from double flowers. Seeds germinate much better if frozen a few days in refrigerator before planting. Sow early, scatter seed lightly, and thin to a stand.

**GIANT IMPERIAL TYPE**—4 ft. tall. Newest type, base-branching, tall Larkspurs with giant double flowers and spikes on uniformly longest stems for cutting.

7272 **BLUE SPIRE**—Florists' ideal deep Oxford blue. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

7273 **BLUE BELL**. Light blue. Pkt., 10c.

7274 **EXQUISITE PINK IMPROVED**—Soft pink, shaded salmon. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

7275 **THE DAZZLER**—Carmine. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

7276 **GLORIA**—Rich deep rose with no carmine. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

7277 **LILAC QUEEN**—Soft lilac. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

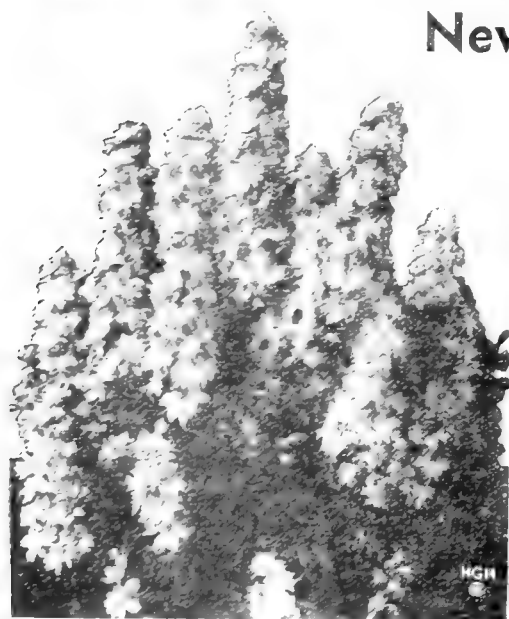
7278 **WHITE KING**—1937 Special Mention. Very large, tall, pure double white. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

7270 **GIANT IMPERIAL MIXED**—All Larkspur colors well balanced in this finest base branching, uniformly long stemmed type. Pkt., 10c. ¼ Oz., 40c. Oz., \$1.20.

**TALL DOUBLE STOCK-FLOWERED**  
7280 **TALL BRANCHING MIXED**—Most popular type; 3-4 ft. tall; all colors of double, stock-flowering Larkspurs. Formula mixture. Pkt., 10c. Oz., 60c.

## Feed Plantabbs Containing Vitamin B1

Order some of these highly concentrated plant food tablets for your plants in pots, boxes or outdoor beds. The Vitamin B1 helps make sick plants well and the plant food keeps them that way. Small size (30 tablets), 25c. 75 tablets for 50c. 200 tablets (economy size), for \$1.00. Postpaid.



(7270) Hastings' Larkspur—Double Giants

# Give Your Garden Distinction With These Lovely Flowers

## LOVELY LANTANA HHP.

Constant blooming verbena-like heads of orange, red, rose, white. Branching bushy plants, 2-3 ft. and delighting in summer sun. Slow to germinate. Start early with protection and transplant.

7260 HYBRIDS MIXED—Pkt., 15c. 1/4 Oz., 50c.

## LILIES FROM SEED HP.

7433 IMP. WHITE PHILIPPINE—Philippine formosanum. A magnificent Lily blooming in 6 to 8 months from seed. Large umbels of very long trumpet-shaped, fragrant, pure white blooms. 4 to 5 ft. tall and easiest of all to grow. Pkt., 20c.

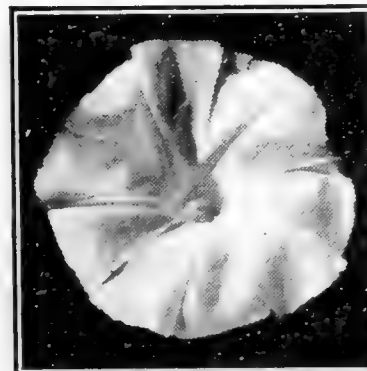
7435 REGAL—Regale. Most popular garden Lily, 3-4 ft. tall and June blooming in the South. Ivory white flowers with yellow throat and shaded pink on outside. Fragrant. Seeds form small bulbs which bloom following year. Pkt., 15c. 1/4 Oz., 35c.  
(For Regal Lily blubs see p. 82.)



(7455) Linaria, 10c



(7530) Lupine, 10c



(7797) Pearly Gates, 25c

## LINARIA—Baby Snapdragon HA.

Charming, easily grown, dainty little Snapdragon-like spikes of flowers. Delightful cut-flowers on slender stems. Plant freely.

7455 MAROCCANA HYBRIDS—HA. 12-15 in. tall with exquisite flowers of mauve, carmine, lavender, rose, purple and gold. Blooms in 8 weeks. Pkt., 10c. 1/2 Oz., 70c.

★7456 FAIRY BOUQUET—HA. Gold Medal, 1934. 8 in. tall. Wider color range, more compact growth and largest flowers. Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

## LOBELIA TA.

Edging, pot, vase and basket plant; blue flowers in clusters.

★7480 CRYSTAL PALACE—Speciosa Compacta. 8-10 in., trailing deep rich blue flowers. Pkt., 15c. 1/8 Oz., 50c.

## LUPINES HA. HP. FINE IN THE SOUTH

Easily grown, free-flowering, 2 ft. plants, nice spikes of pea-shaped flowers. Grow in well-drained beds. Seed or soil must be inoculated. Lupine Inoculation—10c.

7521 DARK BLUE—Rich. Pkt., 15c.

7522 ROSE PINK—Lovely. Pkt., 15c.

7523 WHITE—Stately. Pkt., 15c.

7525 NANUS BLUE—Rich blue, white tips. Pkt., 10c.

7528 TEXAS BLUE BONNET—Native Southern lupine, re-seeding itself. Pkt., 10c. Oz., 30c.

7530 GIANT KING MIXED—Award of Merit, 1933. 3-4 ft., base-branching, 4-6 spikes. More and larger flowers than others. Blue, rose and white. Pkt., 10c. 1/2 Oz., 50c. Oz., 90c.

7540 PERENNIAL MIXED—Polyphyllus. Blue, pink and white shades. Pkt., 10c.

7438 RUSSELL GIANTS—HP. New giants of loveliest color blend. Pkt., 20c.

## JERUSALEM CHERRY TA. FOR POTS

7150. Well known plant to grow particularly indoors in pots or boxes for winter brightness from the many scarlet fruits freely borne. Pkt., 25c.

## Passion Flower—Passion Vine TP.

8123 Passiflora edulis. Showy 2-in. flowers of white with white and purple crown. Pkt., 20c.

## Glories of the Morning

### MORNING GLORY—MOONFLOWER TA.

Seed coats are very hard, and to insure germination, cut or file through hard outer shell before planting.

7797 PEARLY GATES — Grand new All-America white morning glory. Pkt., 25c.

7795 SCARLETT O'HARA (Ipomoea). 1939 All-America Winner. Huge scarlet flowers borne profusely on vigorous climbing vines. Newest sensation. Seed scarce. Be first to grow it. Pkt., 15c. 1/4 Oz., 50c. Oz., \$1.60.

7800 BRAZILIAN—Ipomoea Setosa. 40 feet; bright lavender-pink flowers often 5 in. across. Pkt., 10c. Oz., 30c.

7798 JAPANESE—Mixed colors. Pkt., 10c. Oz., 30c.

7801 EARLY HEAVENLY BLUE—Sky blue with whitish throats. Pkt., 10c. 1/2 Oz., 45c. Oz., 80c.

7803 GIANT PINK—Blooms lightly through summer, heavily in early fall. Day Blooming. Pkt., 10c. Oz., 30c.

7804 DOUBLE ROSE MARIE—Ipomoea. Early true double deep rose. Pkt., 10c. 1/2 Oz., 35c. Oz., 60c.

7805 WHITE MOONFLOWER — Night Blooming. Pkt., 10c. Oz., 30c.

7806 BONA NOX—Lavender Moonflower. Night blooming. Pkt., 10c. Oz., 40c.

### Red, White and Blue Collection, 35c

A superb selection of morning glories in our national colors. Works out beautifully grown on trellises, fences, arbors, etc., and gives a grand patriotic display! Plant this collection for a pull for VICTORY. All three packets, Scarlet O'Hara (red), Pearly Gates (white), and Heavenly Blue (50c value), for 35c. Postpaid



(7433) The Beautiful Philippine Lily, 20c

## Vitamin B1 For Plants

Thiamin Chloride pellets to dissolve in water to revitalize and rejuvenate many "sickly" plants and to increase growth and size of blooms of normal ones. 100 pellet size, enough for all season and full directions. Postpaid for \$1.00. Special Trial Size, 25c.



(7801) Heavenly Blue Morning Glory, 10c



# Hastings' Superb Dixie Marigolds A.

CULTURE. Sow seed thinly in open ground when leaves of trees are out in early spring. Cultivate and water frequently.

**35c MARIGOLD COLLECTION** — One packet each new Early Dixie Sunshine, Yellow Supreme, and new Sunset Giants for 35c. (Value 45c.) Postpaid.

## 7617 Hastings' New California Sunset Giant Marigolds

Positively the largest of all Marigolds. Well adapted for our Southern soils and climate and a monster to grow in your garden in 1945. Varied shades of lemon yellow to orange. Excellent for loveliest cut flowers. Pkt., 15c. 1/4 Oz., 50c. Oz., \$1.60.

7602 FLASH—1945 All-America. 25c.

7606 NEW EXTRA DWARF SUNSHINE—1939 All-America Winner. 1 1/2-2 ft. Very dwarf, compact, and exceptionally early strain of our famous Dixie Sunshine. Blooms literally cover the plants in early summer. Pkt., 15c.

7618 GUINEA GOLD—1933 A. A. S. Gold Medal. 3 ft. plants with 30 to 40 all-double, golden orange, odorless flowers, 2-2 1/2 in. across. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

7619 YELLOW SUPREME—1935 A. A. S. Gold Medal. Primrose yellow, carnation-flowered, all-double odorless flowers, 2 1/2 in. across. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

7634 DWARF ROYAL SCOT—All double, striped orange and mahogany. Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.20.

7610 AFRICAN MIXED—Tall, 50-60% fully double *Fistulosa* quilled type in shades of yellow and orange. Pkt., 10c. 1/2 Oz., 50c.

7612 ALL-DOUBLE LEMON—95% double African. Pkt., 15c.

7614 ALL-DOUBLE ORANGE—95% double African. Pkt., 15c.

7620 TALL FRENCH DOUBLE — Small flowers, many colors. Pkt., 10c.

7631 DWARF MONARCH—1934 A. A. S. Award of Merit. 12 in. uniform dwarf. Orange, mahogany. Pkt., 10c.

7643 FIRE CROSS—12 in., single, orange, red cross. Pkt., 10c.

7603 MAMMOTH MUM—1944 A.A.S.—New *Chrysanthemum* flowered giant. Pkt., 25c.

7645 SUNKIST—1943 All-America—A low growing bedding marigold completely covered with golden orange flowers all summer. Pkt., 15c.

7604 NEW GOLDSMITH—New Giant Orange Dixie Sunshine, winning Bronze Medal in 1941 All-America. Vigorous 3 ft. plant covered with extra large true Dixie flowers from midsummer until frost. Pkt., 15c.

7609 DOUBLE FRENCH HARMONY — Dwarf with scabious flowers with orange centers surrounded by maroon collar of broad petals. Pkt., 10c. Oz., 60c.

7607 CROWN O'GOLD—ODORLESS. 2 ft. Unusual new introduction with odorless foliage. Pkt., 10c. 1/2 Oz., 75c. Oz., \$1.20.

7636 SPRY—Dwarf, compact plant with flowers of rich maroon with orange crest. Pkt., 10c.



(7601) New Early Dixie Sunshine, 25c

## 7601 Early Dixie Sunshine

4.5 ft. Our own grand new introduction! An early strain of our great Dixie Sunshine that has literally taken the South by storm. Daintiest, medium sized, *chrysanthemum* type flowers on vigorous, rich green plants throughout late summer and fall. Pkt., 25c. 1/8 Oz., 50c. Oz., \$3.00.

## Matthiola HA.

7686 Evening Scented Stock. Violet-lavender, 4-petaled flowers, curious seed pods. Pkt., 10c. Oz., 60c.

## Mignonette HA. Attracts Bees

7740 12 in. Sweet scented, delightfully fragrant. Pkt., 10c.

## NICOTIANA TA.

SWEET FLOWERING TOBACCO—3 ft. 7950 HYBRIDS MIXED—Pkt., 10c. 7954 AFFINIS WHITE — Showiest and sweetest. Pkt., 10c.



Gold Medal Winner

(7224) Nasturtium, Double Golden Gleam, 10c

## NEMESIA HHA. TRY IT!

7900 12 in. Rather unusual but very easily grown summer flowering plant with continuous blooms of odd shape in full color range. Pkt., 25c.

## Nemophila HA.

7924 BABY BLUE EYES—8 in. tall. Insignis Blue. Lovely plants with clear blue flowers, for edging, borders. Pkt., 10c. Oz., 70c.

## Nierembergia HHP.

7962 HIPPOMANICA — Dwarf with large lavender cup flowers. Superb. Pkt., 50c.

## Nigella HA.

7970 LOVE IN A MIST—18-24 in. tall. Blue flowers partly concealed by the finely cut foliage. Requires little care in any garden. Miss Jekyll. Pkt., 15c.



(7617) Marigold Sunset Giants, 15c

## Oenothera TA.

8025 LAMARCKIANA — 3-4 ft. Large branching shoots, each with 2, 4 or 6 flowers open at a time. Pkt., 10c.

## DOUBLE SWEET NASTURTIIUMS TA.

**25c DOUBLE NASTURTIIUM COLLECTION**—Full packet each of Golden Gleam, Scarlet Gleam and Glorious Gleam Hybrids—all for only 25c. Postpaid.

7870 DWARF DOUBLE MIXED — Giant flowering new compact type in all the nasturtium colors. Pkt., 10c. Oz., 35c.

7874 HASTINGS' GOLDEN GLOBE — Our new Double, Sweet Scented, Golden Gleam, in true dwarf, bush form. Pkt., 10c. Oz., 35c.

7880 GLORIOUS GLEAM HYBRIDS—1935 A. A. S. Award of Merit. Bodger's origination; wide color range of double, sweet scented flowers. Pkt., 10c. Oz., 35c.

7888 DOUBLE SCARLET GLEAM — 1935 A. A. S. Gold Medal. Dazzling scarlet running mate to Golden Gleam. Pkt., 10c. Oz., 35c.

7884 DOUBLE GOLDEN GLEAM — 1933 A. A. S. Gold Medal. The outstanding novelty of a decade. Sweet Scented, semi-double, richest clear deep yellow. Vigorous bush, profusely flowering in blaze of color. Large 2 1/2 in. flowers on erect 6 in. stems, held above foliage. Few 12-18 in. flowering runners. Pkt., 10c. Oz., 30c.

## SINGLE MIXED NASTURTIIUMS TA.

7860 HASTINGS' BUSH OR DWARF — MIXED — Flowers large, gorgeous and brilliant. All shades and colors of dwarf growing varieties. There is no better mixture. Pkt., 10c. Oz., 25c. 1/4 Lb., 60c.

7890 HASTINGS' TALL MIXED — All shades and colors of climbing varieties. You will find this the best balanced mixture in colors and the largest flowers grown. Pkt., 10c. Oz., 25c. 1/4 Lb., 60c.

# Hastings' Super Giant Pansies HHP.

★ 6 in. tall. Pansies have long been a very popular favorite and they make delightful beds. The finest Pansies are shy-seeders, as a rule, and that accounts for the difference in prices. Sow seed in boxes or beds and transplant to cool locations for long blooming period.

**8090 HASTINGS' EXHIBITION**—Especially selected for many light colors, mammoth, round form and largest Super-Swiss and Maple Leaf Giant type flowers known. Pkt., 45c.  $\frac{1}{8}$  Oz., \$1.65. Oz., \$10.65.

**8085 MAPLE LEAF GIANTS**—Well known giants. Long stems. Pkt., 50c.  $\frac{1}{8}$  Oz., \$2.

**8070 TRIMARDEAU MIXED**—Flowers well formed, of good size, in a great variety of color. Pkt., 30c.  $\frac{1}{4}$  Oz., \$1.85.

**8088 SWISS WHITE**—Roggli. Pure white. Pkt., 65c.  $\frac{1}{16}$  Oz., \$1.25.

**8080 ROGGLI SWISS GIANTS MIXED**—Greatest Pansies yet. Gigantic size, perfectly round, fine substance. Sensation wherever shown. Pkt., 65c.  $\frac{1}{16}$  Oz., \$1.25. Oz., \$12.00.

**8084 BLUE ROGGLI GIANT**—Lake of Thun—Ullswater blue Variety. Enormous blue dark blotches. Pkt., 65c.  $\frac{1}{4}$  Oz., \$3.50.

**8082 ALPENGLOW**—Roggli. Shades of velvety red. Pkt., 65c.  $\frac{1}{16}$  Oz., \$1.25.

▲ **8073 CORONATION GOLD**—1938 All-America. Canary, flushed orange. Large lightly ruffled, scented. Pkt., 65c.

## Super Giant Pansy Collection—\$1.95 Postpaid

**SPECIAL OFFER:** One full size packet each of Hastings' Exhibition mixed, and the finest new colors in huge Swiss Giants—Alpenglow, Lake of Thun, Coronation

Gold, and Swiss White—\$3.25 worth of the greatest pansies in existence for only \$1.95. Plant early for long blooming season. Send your order today.



(8090) Hastings' Exhibition Pansy, 45c

## For Your Summer Garden Hastings' Everblooming Petunias

Start Petunias early in boxes or protected beds to transplant when frost danger is passed. Cover seed lightly with peat moss or sifted wood's soil and keep barely moist.

**8200 HASTINGS' DE LUXE BEDDING MIXTURE**—Large flowers, gorgeous colors, striking effect. Pkt., 20c.  $\frac{1}{8}$  oz., 50c. Oz., \$3.

**8180 FORMULA MIXED**—Solid colors. Balanced. Pkt., 10c.  $\frac{1}{4}$  Oz., 60c. Oz., \$2.00.

**8184 GENERAL DODDS**—Velvety purple. Pkt., 25c.  $\frac{1}{4}$  Oz., 70c.

**8185 STRIPED AND BLOTCHED**—Howard's Star. Pkt., 25c.

**8187 VIOLACEA**—Deep violet blue. Vigorous. Pkt., 25c.

**8201 BALCONY BLUE**—Fine, rich, large. Pkt., 50c.

**8203 BALCONY WHITE**—No finer white. Pkt., 50c.

**8202 BALCONY MIXED**. Grand colors. Pkt., 35c.

**8189 CELESTIAL ROSE**—Compact new and more brilliant rose red. Finer and better. Pkt., 35c.

★ **8192 MARTHA WASHINGTON**—RUFFLED—1935 A. A. S. Ruffled flowers of white, tinged blue. Pkt., 50c.

★ **8190 DWARF GEM MIXED**—Very dwarf. Pkt., 25c.

**8199 SNOWBALL**—Large wavy pure white. Gorgeous. Pkt., 35c.

★ **8194 ROSE GEM**—1936 A. A. S. Award of Merit. Pkt., 50c.

**8195 ROSE OF HEAVEN**—Dwarf; rose-pink. Pkt., 25c.

**8196 ROSY MORN**—Dwarf; pink with white throat. Pkt., 25c.

**8197 SILVER BLUE—HEAVENLY BLUE**. Dwarf. Pkt., 35c.

**8198 HASTINGS' BLUE BEDDER**—Sensational new dwarf blue. Pkt., 25c.

**8218 CHEERFUL**—New 1944 All-America Winner. Compact plants covered all summer with large rose flowers suffused salmon. Lovely. Packets, 45c.

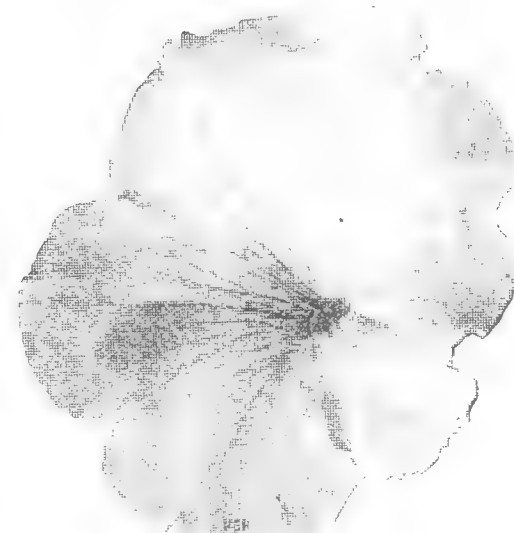
**8182 HOLLYWOOD STAR**—1939 All-America. Sensational pink star shaped blooms literally covering strong, vigorous plants all summer. Pkt., 15c.

**8188 TOPAZ ROSE**—Large, bright cerise flowers. Pkt., 25c.

**RARE PETUNIAS, SINGLE FRINGED**. Seed is very expensive, packets are small and they are not for ordinary planting. Sow carefully in boxes to transplant.

**8217 THEODOSIA**—Largest frimbriated; rosy pink, wide golden throat. Pkt., about 375 seeds, 65c.

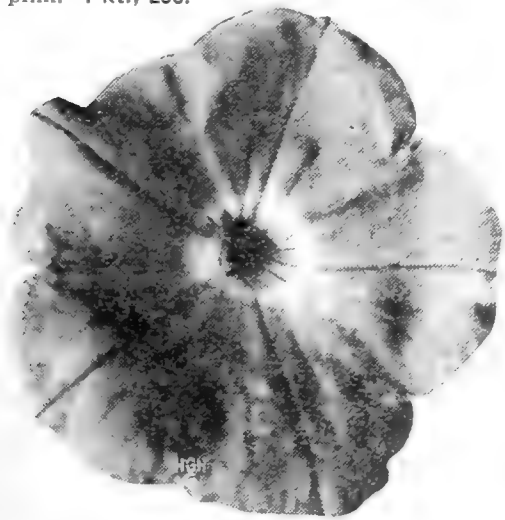
**8220 DWARF GIANTS OF CALIFORNIA**—Immense blotched flowers on erect, 9-in. plants. Pkt., about 300 seeds, 75c.



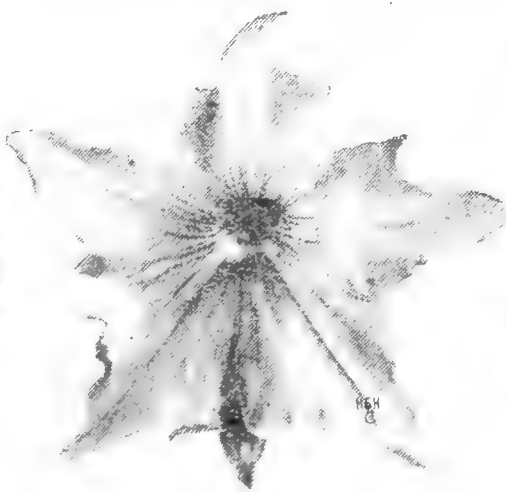
(8198) Hastings' Superb Blue Bedder, 25c

## Red, White, Blue Petunias, 75c

The most satisfactory and brilliant bedding Petunias in a patriotic color range. Celestial Rose (red), Snowball (white), and Blue Bedder. All three sent for 75c (Value 95c). Postpaid.



(8195) Rose of Heaven, 25c



(8182) Hastings' Hollywood Star, 15c



(8200) Hastings' Deluxe Mixed Petunias For Bedding, 20c

## NEW GIANT ART SHADES ANNUAL PHLOX DRUMMONDI

PHLOX DRUMMONDI GRANDIFLORA—HA

**CULTURE**—Annual Phlox grow most easily on most any type of soil, quickly giving a mass of beautiful blooms. Broadcast seed as soon as soil can be worked, cover  $\frac{1}{4}$  in. and firm soil. Thin to 4 in. apart. A sunny position is desirable. Widely used to plant in bulb beds and borders to flower in summer after bulbs have died.

**8261 GIGANTEA ART SHADES MIXED**—Newest, huge flowered heads of bright colors. Pkt., 25c.

**8263 ROSY MORN**—All-America Winner. A right color combination of deep rose pink with a white eye. New Giant size. Pkt., 35c.

**8267 SALMON GLORY**—Another winner of giant size. Color, deep salmon with white eye. Pkt., 35c.

**8268 NEW RED GLORY**—Newest All-America winner. Brilliant color to brighten your garden. Pkt., 35c.

### HARDY ANNUAL POPPIES

Striking single and double flowered varieties for fall, winter, and early spring sowing to give largest flowers on longest and strongest stems. Sow seed directly in well prepared beds. Shirleys 2 ft. tall.

#### Giant Double Poppy Seed Notice

No more Carnation or Peony flowered giant double poppies can be grown. They are sources of opium and the U. S. does not permit their growth. We recommend particularly the lovely and colorful Shirleys to take their place.

#### Hastings' Superb New Annual Poppy Mixture

**8410 SUPERB MIXED**—All colors and types blended well for all uses. Pkt. 10c. Oz. 50c.

#### Exquisite Southern Shirley Poppies

**8370 SHIRLEY MIXED**—Exquisite colored singles. Pkt., 10c. Oz., 50c.

**8371 AMERICAN LEGION**—Shirley scarlet, white cross. Makes brilliant display. Pkt., 10c. Oz., 50c.

**8376 TULIP**—Giant scarlet and black single. Very striking. Pkt., 10c.

**8378 WILD ROSE**—Popular rose-pink Shirley. Pkt., 10c. Oz., 50c.

#### New Double Shirley Poppies

**8381 DOUBLE DAZZLER**—Brilliant red. Pkt., 10c.

**8382 DOUBLE SALMON**—Beautiful. Pkt., 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.

**8383—DOUBLE SWEETBRIAR**—Rose Pink. Pkt., 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.

**8380 DOUBLE MIXED**—Colorful Shirleys. Pkt., 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.

#### Penstemon HP.

**8142 BLUE GEM**—15-18 in. Erect growing. Pkt., 25c.  $\frac{1}{8}$  Oz., 50c.

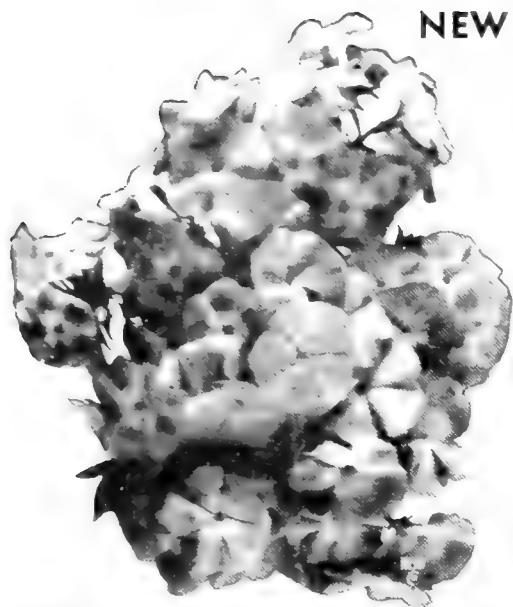
**8150 SENSATION IMPROVED**—2 ft. Mixed colors. Pkt., 35c.  $\frac{1}{8}$  Oz., 70c.

#### Vitamin B1

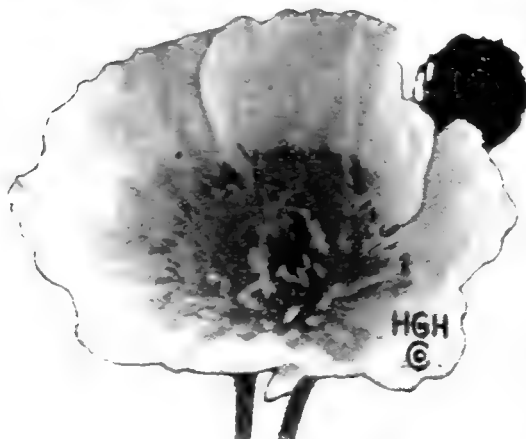
##### Money Back Guarantee

Having sold thousands of packages of Vitamin B1, giving complete satisfaction, we offer you again this year the new "Vitamin B1 Plus" in the dollar size, on a "money back guarantee basis," if you are not satisfied after using it as directed.

It stimulates the rooting system of established plants and aids wonderfully in transplanting. Every gardener should have a supply on hand (it keeps) at all times. Full garden size (makes 2,000 gallons treating solution) sent postpaid for \$1.00, with satisfaction guaranteed. Special trial size (same but with no guarantee) 25c.



(8268) Giant Salmon Phlox drummondi, 35c



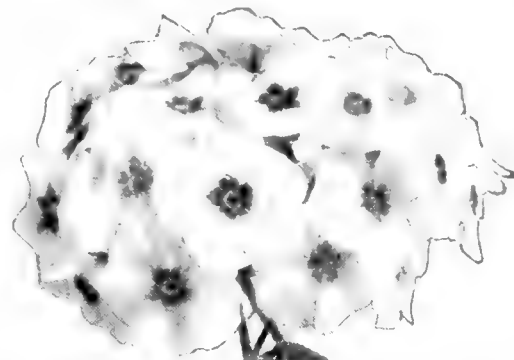
(8421) El Monte Iceland Poppy, 20c



(8312) Platycodon—Bell Flower

#### Platycodon—Blue Bell Flower

**8312 CHINESE BELL FLOWER**—H.P. 2 ft. branching plants producing many bright blue buds opening to lovely, dainty bell shaped flowers. Pkt., 25c.



(8261) Giant Annual Phlox drummondi, 25c

### HARDY PERENNIAL POPPIES

Sow seed early in boxes to transplant. Plant in cool, well-drained location with exposure only to early sun.

**8421 EL MONTE ICELAND**—HP. 12-18 in. Deep tangerine. Pkt., 20c.  $\frac{1}{8}$  Oz., 50c.

**8420 SUNBEAM ICELAND**—Nudicaule. 12-18 in. HP. Mixed colors. Pkt., 15c.  $\frac{1}{8}$  Oz., 35c.  $\frac{1}{2}$  Oz., \$1.10.

**8430 ORIENTALE**—HP. 2-3 ft. Striking shades. Pkt., 25c.



(8370) Lovely Single Shirley Poppy



(8380) New Double Shirley Poppy

#### Phacelia—California Blue Bell

**8252 CALIFORNIA BLUE BELL**—HA. 10-18 in. early, long blooming annual with gentian blue flowers having white anthers. Pkt., 10c.  $\frac{1}{2}$  Oz., 45c. Oz., 80c.



# PORTULACA BLOOMS ALL SUMMER IN DIXIE

TA. 6 in. Luxurious, free-flowering all summer, with brilliant waxy colors for beds, borders and edgings. It is frequently used for covering rock-work and sunny banks, when the seed is sown broadcast. Brightest color range.

★8451 SINGLE JEWEL — An extremely large flowered strain of glowing, rich crimson red. It is free flowering and produces a most striking and distinctive effect. The first of the newest selections in a solid color. Make your garden outstanding with a bed of the brilliant novelty. Packet, 45c. Seed very scarce, so please order early.

## Grows Best in Full Sun

★8450 SINGLE MIXED — The most brilliant color display of all. Pkt., 15c.

★8440 DOUBLE MIXED — The richest colors imaginable. Flowers do not close. Pkt., 25c. Seed supply very limited.

## CASTOR OIL BEAN RICINUS—MOLE BEAN TA.

8620 PALMA CHRISTI — Large tropical plants grown for highly ornamental foliage. A plentiful supply, grown near the garden, is said to keep away moles. Plant in open after ground gets warm, 3-4 ft. apart. This is the bean from which castor oil is made, but do not eat the raw beans. 5-10 ft. high; fine for massing or center plants in beds. The beans are brilliantly colored. Ornamental Mixed. Pkt., 10c. Oz., 25c.

## Queen Anne's Lace Flower

8590 Lovely old favorite to grow for cut flower arrangements, either natural or dyed bright colors. Spreads rapidly from seed, so keep in bounds. Pkt., 10c. Oz., 60c.

## SAPONARIA (Baby's Breath) HA.

8795 VACCARIA ROSE — 2 ft. Attractive, quick flowering, bushy, branching plants; long, wide leaves beneath flower panicles of large, 1½-in., glorified Baby's Breath flowers. Artistic, airy cutting flowers of glistening rosy pink cover all of plant. Make successive sowings for a continuous supply. Pkt., 10c. Oz., 35c.

## SANVITALIA TA.

3-6 in., spreading. Double Procumbens. Small, 1-in. perfectly double, showy flowers of richest deep yellow—resembling little button Chrysanthemums. Blooms in 6 weeks, lasts all summer.

★8780 DOUBLE PROCUMBENS—Pkt., 10c.

## SALPIGLOSSIS HHA.

PAINTED TONGUE—2-4 ft. Aptly called the Orchid of annual flowers. Each Petunia-like flower is veined with gold and the rich and beautiful contrasting colors are exquisite, a most attractive free-flowering annual. Flowers are large and fancifully veined in bright crimson, black, pink, violet, golden yellow, light blue, purple, scarlet and velvety red base colors with many in two-color combinations. Start seeds indoors or in hotbed for transplanting 12 in. apart outdoors when the frost danger is past, or sow outdoors when warm.

8730 GLOXINIA FLOWERED—Mixed veined varieties. Pkt., 10c. ¼ Oz., 30c. Oz., \$1.00.

## SALVIA — SAGE

8765 Blue Salvia PERENNIAL — Azurea grandiflora. HP. Long slender spikes of pretty sky-blue flowers in profusion all summer. 2-3 ft. tall, greatly admired and last several years. Try it. Pkt., 25c. Plants on Page 72.

8766 SALVIA FARINACEA—Blue Bedder. HHP. New and unusual bright blue salvia similar to Scarlet Sage excepting its blue color and greater hardiness. Pkt., 35c.

## SALVIA—VIVID SCARLET SAGE TA.

2 ft. Universally popular. A strong grower and free flowering beauty, bearing long spikes of intense scarlet bloom from midsummer till frost. It delights in the warmest, sunniest situations. Sow seed after trees are in full leaf and the ground is warm, but may be started earlier in boxes in sunny windows for transplanting. A bed of Salvia will give a perfect blaze of scarlet. Salvia is admirably adapted for glowing red beds, borders and sunny porch and window boxes.

8755 GLOBE OF FIRE, AMERICA—Compact, bushy, showiest display. Pkt., 45c. (Seed very scarce.)



(8450) Portulaca or Sun Plant, 15c



(8766) Salvia—Blue Bedder, 35c



(8780) Sanvitalia, 10c.



(8795) Saponaria, 10c



(8730) Salpiglossis or Painted Tongue, 10c



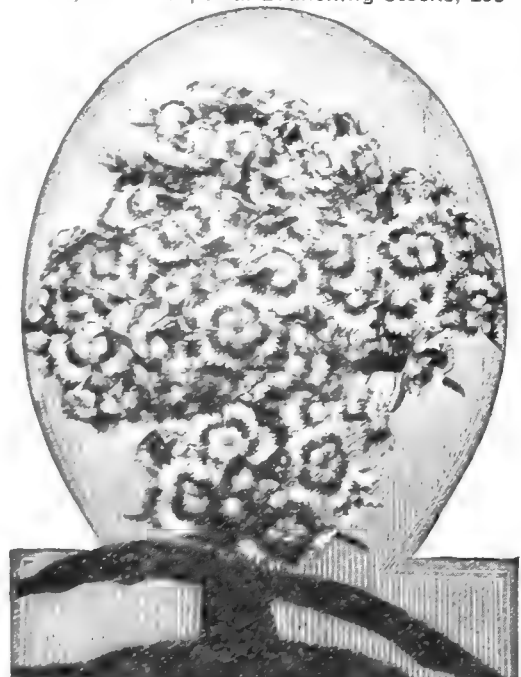
(8755) Salvia or Scarlet Sage, 45c



(9030) Annual Statice—Fine Strawflower, 10c



(9070) Giant Imperial Branching Stocks, 25c



(9310) Sweet William—Double Coloring, 15c

## SCABIOSA—Pin Cushion Flowers—For Cutting HA, HP.

Sweet Scabious. 2 ft. The double annual flowers are pin-cushion shaped, 2-3 in. across. The richly colored, fragrant blossoms on long stems make desirable beds, borders and cut-flowers. Sow seed as soon as ground can be worked, or earlier indoors to transplant.

8820 ANNUAL MIXED—Pkt., 10c. Oz., 60c.

8821 AGERATUM BLUE—Pkt., 10c. 1/2 Oz., 60c.

8822 CRIMSON—Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

8824 FLESH PINK—Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

8825 LOVELINESS—Glorious new color, shades of delicate salmon-rose. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

8826 BLUE MOON. New Giant type. Pkt., 15c. 1/4 Oz., 35c.

8827 SHASTA IMPROVED—Enormous pure white. Pkt., 10c. 1/2 Oz., 60c. Oz., \$1.00.

8828 SULPHUR YELLOW—Pkt., 10c. 1/2 Oz., 60c.

**SPECIAL COLLECTION.** One full packet each of the above seven choice colors of Scabiosa (75-cent value) for 50c. Postpaid.

8832 SCABIOSA COLUMBARIA PINK—HP. Bright silvery pink. 18-24 in., bushy plants. 2 1/2-in. delicately lacy frilled, exquisite semi-double flowers on long slender stems. Pkt., 20c.

8830 NEW GIANT CAUCASICA HYBRIDS—HP. Isaac House Strain. Wavy, laced, frilled petals for most delicate and exquisite 3-4 in. flowers imaginable. Pkt., 25c.

## SCHIZANTHUS TA.

**BUTTERFLY FLOWER**—12-18 in. Called Poor Man's Orchid; daintiest, most exquisite flowers imaginable. Bushy, branching plants literally covered with small 1-in., orchid-like blooms in plumes on loose spikes over lacy foliage. Flowers pink, rose, mauve, violet, lavender, flesh, white and gold, with fancy throat blotches and tigering of contrasting colors. Only recommended outdoors in cool, moist air conditions. Hastings' extra select hothouse strain.

8850 GIANT HYBRIDS—Largest flowered. Pkt., 25c.

**Snapdragons**—See p. 54, Antirrhinums

## STATICE HA, HP.

**EVERLASTING OR STRAWFLOWER**—2-2 1/2 ft. Easily grown; useful both fresh and dry. Sow in sunny location.

9030 ANNUAL SINNUATA MIXED—Annuals, all colors. Pkt., 10c. Oz., 60c.

9032 GOLDEN YELLOW BONDUELLI—Pkt., 10c. Oz., 60c.

9034 KAMPF'S DEEP BLUE—Pkt., 10c. Oz., 60c.

9036 ROSEA SUPERBA—Pkt., 10c. Oz., 60c.

9038 SNOWWITCH WHITE—Pkt., 10c. Oz., 60c.

9042 PERENNIAL CASPIA—Delicate, artistic earliest bloomer and huge sprays; lilac or light mauve. Pkt., 20c.

## HARDY DOUBLE STOCKS HA.

**DOUBLE EARLY GIANT IMPERIAL**—The Stock (or Gilliflower) is one of the most popular annuals, for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and for long blooming it is unsurpassed. These give you many blooms in late summer and early fall. Our percentage of doubles equals the best European pot-grown strains. Our Double Early Giant Imperial is the largest flowering type on the longest cutting stems, for florist's use or home gardens. They bloom for 12 weeks.

9070 MIXED—Giant Imperial, perpetual branching Stocks in many shades of pink, blue, white, red, violet, lavender and yellow. Pkt., 25c.

9074 FIERY BLOOD RED—New, meritorious. Pkt., 35c.

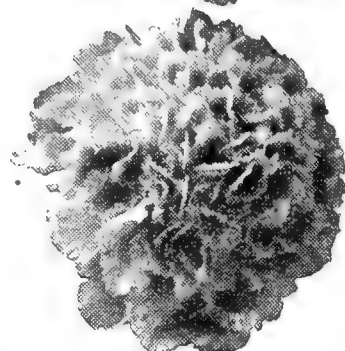
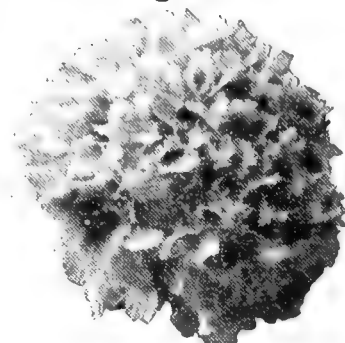
9076 ELK'S PRIDE—Royal Purple. Largest of all. Pkt., 35c.

9078 ROSE—Deep rose-pink, Giant Imperial. Pkt., 35c.

9079 SHASTA—New giant glistening white. Pkt., 35c.

## MAINTAIN THE BEAUTY

The National Victory Garden Program, adopted soon after Pearl Harbor, recommended full maintenance of Flowers, Shrubs, Lawns, and Trees. The reason that these things of beauty should be kept up is to keep up our spiritual well being while we are in all-out production of food and other war efforts. Do your part around your home to maintain its attractive appearance for all to enjoy.



(8820) Choicest New Scabiosa

## CLB. THUNBERGIA TP.

9380 TRAILING BLACK-EYED SUSAN—Orange, cream and white flowers with black eyes. Excellent for rock walls and moist banks. Pkt., 15c.

## SWEET WILLIAM HP.

**DIANTHUS BARBATUS**—18 in. Flowers are handsomely colored. Sow seed very early and transplant or thin to 6 in. apart in rich, mellow soil.

9300 DOUBLE MIXED—Double flowers, bright colors. Pkt., 15c. 1/4 Oz., 60c.

9310 SINGLE MIXED—Brilliant flowers, all colors mixed. Pkt., 10c. 1/2 Oz., 60c.

9316 NEWPORT PINK—Handsome color, single. Pkt., 25c.

9318 SCARLET BEAUTY—Richest color, single. Pkt., 25c.



(8850) Schizanthus, 25c



(9380) Trailing Thunbergia, 15c

# Hastings' Dixie Sweet Peas

Experts' opinions declare these the very best of each color in existence.

**Culture** Plant in rows. Stake or run vines on wires. For long flowering, dig rows out 12 inches deep, fill in 6 inches with well-rotted manure and soil mixed, drop seeds after they have been inoculated, and cover 2 to 3 inches, gradually filling trench as growth starts. To grow the largest flowers, plant early in good soil worked deep, run rows north and south if possible, remove the early growth of all but two branches and thin plants to at least 6 inches apart. Water thoroughly when needed. Culture on each package. One ounce plants 50 feet.

**Climbing Lathyrus or Perennial Sweet Pea** HP.

7320 HARDY SWEET PEA—10 ft. Lasts for years. Mixed—Pkt., 15c.

## SUPERB NEW EARLY FLOWERING SWEET PEAS

Especially adapted to greenhouse culture and outdoor winter planting in the lower South. They bloom about two weeks sooner than Spencer Sweet Peas, and almost as freely. Flowering earlier, they have that much longer to bloom before hot weather.

9206 FLORIST'S BLUE—New Deep Blue. Very pleasing and best of the blues.

9212 GRENADIER—Fiery Scarlet. New beauty, very striking; wavy petals.

9214 CASCADE—White. Outstanding, sensational, new fashionable white.

9216 MEMORY—Lavender. Exquisite color and one of the largest flowers of all.

9226 SHIRLEY TEMPLE—Soft Rose Pink. New, daintily frilled; finest of all.

9235 BALL'S ORANGE—Rich sunproof orange. Great vigor, stem length and size.

**PRICE EACH VARIETY:** Packet, 15c. Oz., 50c. 1/4 Lb., \$1.35. Lb., \$5.00.

**9200 Hastings' Finest Early Flowering Mixed Sweet Peas**

Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. Pkt., 10c. Oz., 25c. 1/4 Lb., 75c. Lb., \$2.50.

## Special Early Flowering Sweet Pea Offer—65c

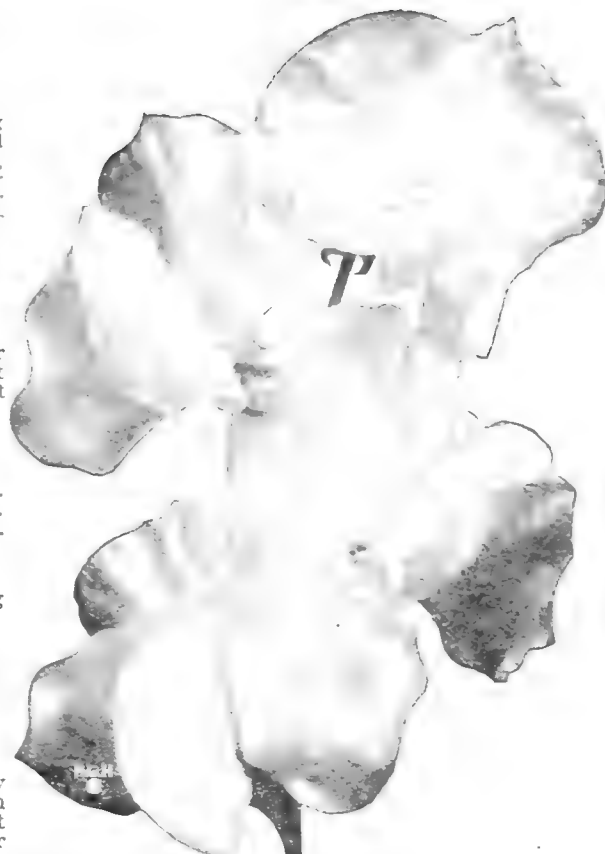
One Packet Each of Florist's Blue, Grenadier, Shirley Temple, Cascade, Ball's Orange, Memory—finest color assortment—90c worth—for only 65c.

## LEGUME INOCULATION FOR SWEET PEAS, 10c

Sweet Peas are true soil building legumes and as such they actually add fertility to the soils in which they grow. The tiny bacteria on sweet pea roots fix nitrogen from the air into the roots and into the soil. It's a cooperative arrangement but for best growth and finest flowers it is necessary to inoculate the seed. Order the special Sweet Pea garden size for 10c. Postpaid.



(9267) Mammoth Pink Spencer Sweet Pea—Pinkie



(9206) Early Flowering Sweet Pea, Florist's Blue

## NEW GIANT SPENCER SWEET PEAS

The finest race or type, extra large flowers. Many have wavy and ruffled petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who grow the largest and most beautiful blooms with long stems plant Spencers. These are the world's finest varieties. Prices Below.

### 9240 Hastings' Superb Mixed Giant Spencer Sweet Peas

Beautiful blend of the largest and finest colored Spencer Sweet Peas. It includes the above varieties, standard Spencers of merit and many novelties now being introduced. This we believe is the finest assortment and most harmonious blend ever found in Sweet Peas. Packet, 10c. Oz., 20c. 1/4 Lb., 60c. Lb., \$1.95. 5 Lbs., \$8.00.

### ALL SPENCER VARIETIES BELOW ARE PRICED—EACH:

Packet, 10c. Oz., 25c. 1/4 Lb., 70c. Lb., \$2.45.

9242 AMBITION—Rosy Lavender. Giant, wavy, beautiful color.

9243 CHINESE BLUE—Rich Blue. The outstanding blue, medium density.

9246 BARBARA—Glowing Salmon. Lightly shaded with orange, scintillating.

9248 CHARMING—Light Cerise. Large and handsome pink suffused salmon.

9254 PIRATE GOLD—Golden Orange. Newest, finest of this greatly desired color.

9257 FORTUNE—Rich Dark Blue. Supreme deep blue Sweet Pea.

9260 GRAND NATIONAL—Rich Cream. Nearest to yellow.

9262 MAGNET—Deep Cream Pink. Amber shading. Huge flowers on long stems.

9265 OLYMPIA—Deep Purple. Gloriously rich and bright.

9267 PINKIE—Rose Pink. What a lovely Sweet Pea! Simply Grand.

9268 SUNKIST—Cream Picoteed Pink. The sweetest debutante shade.

9269 GIGANTIC—Pure White. Newest and finest white. Perfect stems.

9274 THE CARDINAL—Intense Poppy Scarlet. Largest real scarlet.

9275 WARRIOR—Maroon. Richest and best of all dark varieties.

9276 WELCOME—Scarlet Cerise. Sunproof scarlet self. Very dazzling.

★ 9244 LADY RUFFLES—Soft Pink, Ruffled. Huge yet dainty, very beautiful color.

★ 9270 FLUFFY RUFFLES—Cream Pink. Beautifully ruffled. Best of all.

★ 9271 RUFFLED CRIMSON—Rich Crimson Red. Beautifully ruffled.

★ 9272 RUFFLED ROSE—Bright Rose. Definitely stunning!

★ 9292 RUFFLED BLUE—Rich Blue. Best blue ruffled.

★ 9294 RUFFLED WHITE—Pure White. A dream.

9290 RUFFLED MIXED—A perfect ruffled blend of color.

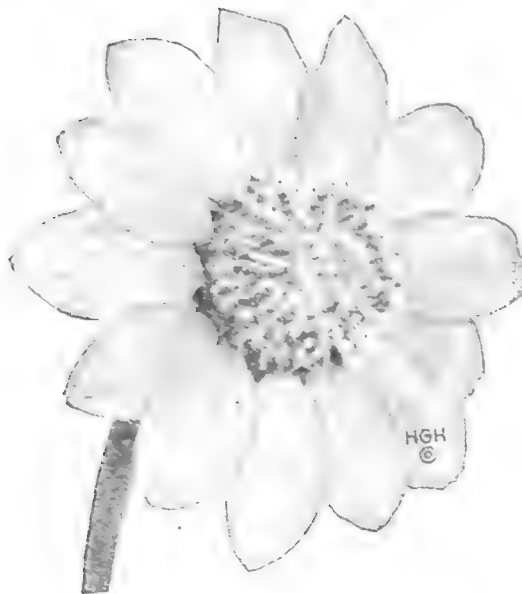
Collection of all separate ★ ruffled colors, six lovely varieties sent postpaid for 50c. Send for Ruffled Collection of Sweet Peas, 50c.

## Southern Spencer Sweet Pea Collection—45c

One packet each of Amethyst, Barbara, Grand National, Pinkie, Sextet Queen and Welcome—finest variety in existence of each color, in a grand and balanced assortment. 60c worth for 45c. Postpaid. 1 Oz., ea. for \$1.00.



# Hastings' Dazzling Tithonia for Dixie's Gardens



(9395) Tithonia—Dazzling Mexican Sunflower

## New, Exciting, Exotic Mexican Sunflower

New exotic Tithonia selection with brilliant scarlet orange flowers to blend and contrast with other late summer and fall colors. Be the first to have this new one.

9395 FIREBALL ROTUNDIFOLIA—5 ft. Exciting flaming blood-orange, 3½ in. single Dahlia-like flowers on long, heavy cutting stems. Large shrubby plant for backgrounds and among shrubs. Long season blooming; richest waxy flame colored flowers known. Creates a sensation wherever seen and everybody wants it for striking cut-flowers. Treat as an annual. Tithonia blooms the first season from seed, giving an abundance of flowers. Pkt., 15c. ¼ Oz., 60c. Oz., \$2.00.

## Japanese Double Sunflower

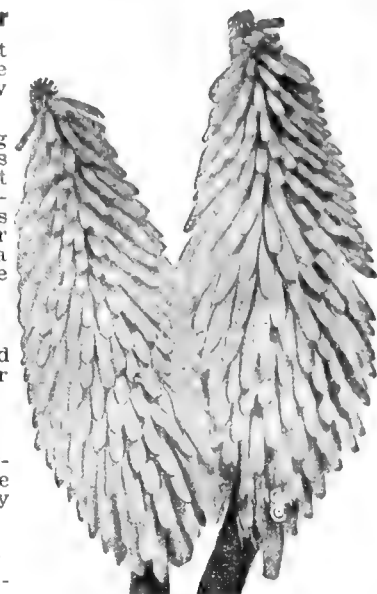
9140 CHRYSANTHEMUM FLOWERED—A. Selected heavily doubled showy flowers of rich golden yellow for easy growth in sunny places. Pkt., 10c. Oz., 35c.

## STAR OF TEXAS HA.

9725 XANTHISMA TEXANUM—A most interesting novelty flowering plant for easy culture throughout the South. Brightest yellow daisy-like flowers on stiff, wiry stems for cutting. Grow in full sun. Pkt., 25c.

Tritoma—Red Hot Poker HP. (Plants, p. 72)

9420 RED HOT POKER—Tall spikes of brilliant orange-red flowers in early summer. Pkt., 20c. ⅛ Oz., 40c. Oz., \$2.40.



(9420) Tritoma—Red Hot Poker, 20c.

## Hastings' New 1945 Giant Hybrid Verbenas

### Giant Verbena Collection, 75c

One full packet each White Giant, Spectrum Red, Royale Blue, Brilliant Pink, and Lavender Glory (\$1.25 value) for only 75c. Postpaid.

### GIGANTEA TYPE—GIANTS

9530 GIGANTEA MIXED—Largest, finest Verbenas. Pkt., 20c. ⅛ Oz., 50c. Oz., \$3.00.

9531 BEAUTY OF OXFORD HYBRIDS—Huge rose shades. Most popular of all verbenas. Pkt., 25c.

9532 FLORADALE BEAUTY—1937 All-America. Shades of rose and red. Pkt., 25c.

9533 LAVENDER GLORY—Variable color, fragrant, new. Pkt., 25c.

9535 BRILLIANT—Flame rose. Pkt., 25c.

9537 ROYALE BLUE—Rich, deep and colorful. Pkt. 25c.

9538 SPECTRUM RED—New and brilliant. Pkt., 25c.

9539 WHITE GIANT—Immense, clear. Pkt., 25c.

HHP. (6-18 inches). Spreading bushy plants easily grown in well-drained good soils, from seed planted in early spring or started earlier indoors and later transplanted. Gigantea type have unusually large flower clusters.

### VERBENA NOVELTIES

9555 ERINOIDES—SPECIES. 10 in. Hardy. Rosy violet. Pkt., 15c.

## Wallflower—Cheiranthus A.

C. CHEIRI—(1-2 ft.) Well-known bushy plant with fragrant spike of flowers. English garden favorite doing well in South. Mixed colors.

9665 SINGLE—Pkt., 10c. Oz., 50c.

9660 DOUBLE—Pkt., 20c.

## Viola Cornuta HHP.

9600—TUFTED PANSIES—Free flowering thrifty bedding plant blooming freely in Spring. Pkt., 20c. ⅛ Oz., 40c.

## VINCA OR PERIWINKLE

PERIWINKLE—A. (1-1½ ft.) Very free flowering, quick growing garden favorite. Striking bright flowers.

9580 MIXED COLORS—Well blended. Pkt., 15c.

9587 WHITE—Pure white. Lasting. Pkt., 20c.

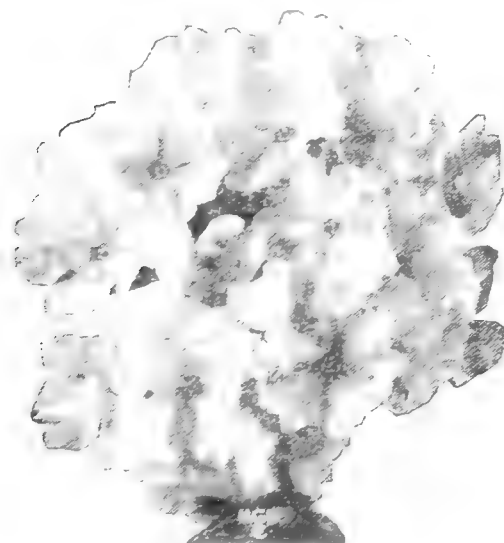
9588 WHITE, PINK EYE—Lovely. Pkt., 20c.

9586 ROSEA—Clear, beautiful rose. Pkt., 20c.

## FLORAL THERAPY, POSTWAR

Tremendous progress has been made in this war to rehabilitate our returned, wounded men of service, to restore their faith in themselves. Music has played a magnificent role in this work, such that we now know it as "music therapy."

Flowers, too, reach deep into the human heart and soul. "Floral therapy" can have a definite part in this rehabilitation if you but give it the opportunity in your garden.



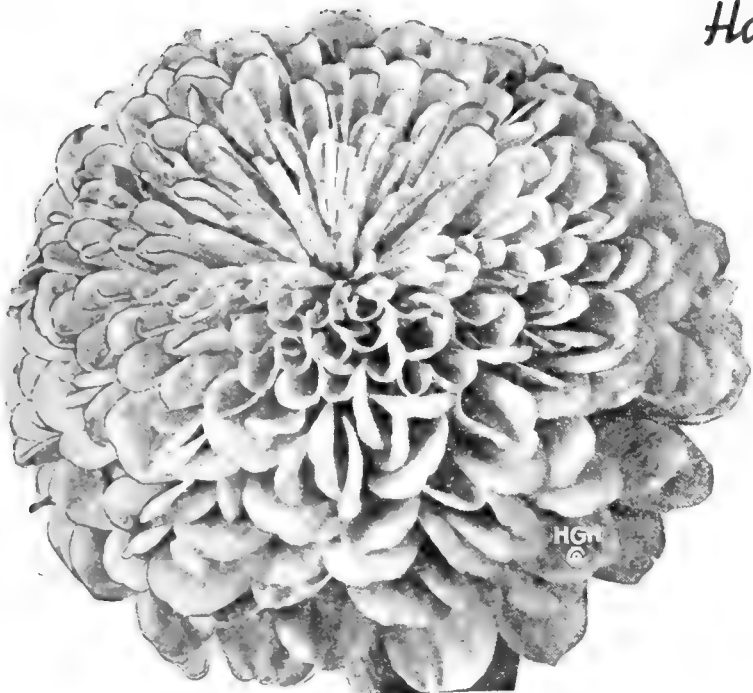
(9535) Verbena, Beauty of Oxford Hybrid, 25c



(9140) Sunflower, Chrysanthemum Flowered, 10c



(9580) Vinca or Periwinkle, 15c



(9820) Graceful Dahlia-Flowered Zinnia, 10c

## Hastings' Dahlia Flowered Zinnias

The largest and finest type of Zinnias. Petal edges are inclined to curl inwards and careful selections over a number of years has its reward in about 75% of the flowers coming true Dahlia-flowered. Some even come 90% true. These are the world's best Zinnias. Largest and finest of all and best for Southern climate.

### A Garden of Huge Zinnias All Summer for 35c

Our golden jubilee offer of these six finest Zinnias in the world. For a garden full of Zinnias all summer—one full packet each of these loveliest of all developments in Dixie's most easily grown and colorful flower. Postpaid for 35c. 1/4 Oz., each for \$1.65.

9820 DAHLIA FLOWERED MIXED—All colors. Well blended mixture of many colored shades. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9822 CANARY BIRD—Yellow. Rich deep yellow, very large and holds color well. Packet, 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9825 SCARLET FLAME—Scarlet. Largest and best red. Very vigorous flowers often 8 in. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9826 DREAM—Deep Lavender. Turns mallow purple, new exquisite Zinnia color. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9827 EXQUISITE—Rose Pink. Finest of all Zinnias. Light rose with Tyrian rose center. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9831 ILLUMINATION—Tyrian Rose. Cerise or rosy scarlet, very bright and rich. Great. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9837 POLAR BEAR—White. Best white Zinnia. Very large, true Dahlia form. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.

### NEW AND UNUSAL 1945 NOVELTY ZINNIAS

9890 NEW CROWN O'GOLD—Each petal overlaid deep golden at base. Mixed colors. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9880 CUT-AND-COME-AGAIN—Elegans mixed. 2 ft. high. Bushy plants covered with double medium blossoms all summer. Pkt., 10c. 1/2 Oz., 40c. Oz., 75c.  
 9875 NEW PICOTEE MIXED—A real novelty. Rich Florists' shades with curled edges and picotee tips. Deep green foliage. Pkt., 15c.  
 9940 SCABIOUS FLOWERED MIXED—New and unusual type Zinnia with crested flowers giving a touch of daintiness. All colors mixed. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9910 NEW FANTASY MIXED—All-America Winner. A colorful mixture of quilled flowers, excellent for cutting. Packet, 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9950 MEXICANA HYBRIDS—Double Haageana. Small flowering new type resembling pompon dahlias but with many and varied color combinations. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9930 TOM THUMB—A pleasing mixture of the tiniest and yet fully doubled miniature zinnias. Pkt., 10c. 1/4 Oz., 50c. Oz., \$1.60.  
 9955 ZINNIA LINEARIS—10 in. Orange. Tiny single orange flowers with yellow petal stripe. Pkt., 10c. 1/8 Oz., 35c. Oz., \$2.00.  
 9956 GRACILLINA—Deepest scarlet miniature. Pkt., 10c. Oz., \$1.  
 9941 HOWARD'S CRESTED MIXED—New, unusual novelty for the connoisseur. Pkt., 10c. 1/4 Oz., 40c. Oz., \$1.40.  
 9954 Cupid—Mixed. Tiniest of all Pkt., 10c. 1/4 Oz., 35c.

## Hastings' Famous Modern California Giants

### New Giant Mammoth Type—IMMENSE SIZE

This mutation from the world famous Dahlia-Flowered type has the same enormous size as that type but with the distinct advantage of flat flowers. This is really a remarkable type, low branching for long cutting stems, profuse flowering and huge, graceful flowers of rich and charming colors. 2 1/2 to 3 feet tall.

9800 CALIFORNIA GIANTS MIXED—Perfect blend of all colors. Large Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9804 ENCHANTRESS—Rich rose-pink, the same colors as Dahlia-Flowered Exquisite. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9806 GOLDEN QUEEN—Rich golden yellow, very large and commanding. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9808 LAVENDER QUEEN—Pleasing deep lavender. Unusual and distinct. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9816 SALMON QUEEN—Largest, flattest Robusta Monster variety; only one of its color. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9817 SCARLET QUEEN—Glowing crimson-scarlet, the richest color in flowers. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.  
 9818 WHITE QUEEN—Excellent selection for true color. Pkt., 10c. 1/4 Oz., 35c. Oz., \$1.00.

### POMPON or BABY ZINNIAS For Your Delight

9840 POMPON OR LILLIPUT MIXED—All Zinnia colors blended in these tiny beauties. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9842 POMPON YELLOW GEM—Tiny, fully double, deep rich yellow. The clearest and best. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9848 POMPON LILAC GEM—Exquisite new selection in pleasing lilac tone. Very double. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9850 POMPON PINK GEM—Loveliest light pink. A beauty. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9853 POMPON SALMON ROSE GEM—Charming little flower to grace any garden or vase. Fine salmon rose color. Very double. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9355 POMPON SCARLET GEM or RED RIDING HOOD—Brightest fiery scarlet. Very double. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.  
 9858 POMPON WHITE GEM—Fine white in this true baby class. Adds to any collection. Pkt., 10c. 1/4 Oz., 25c. Oz., 80c.

### Special Pompon Collection for 1945 Gardens

One packet each of the above six tiny, double, thrifty and charming new fashionable baby pompons, for 30c. Postpaid. 1/4 Oz. each for 95c. Make best cut flowers of all. Order now.

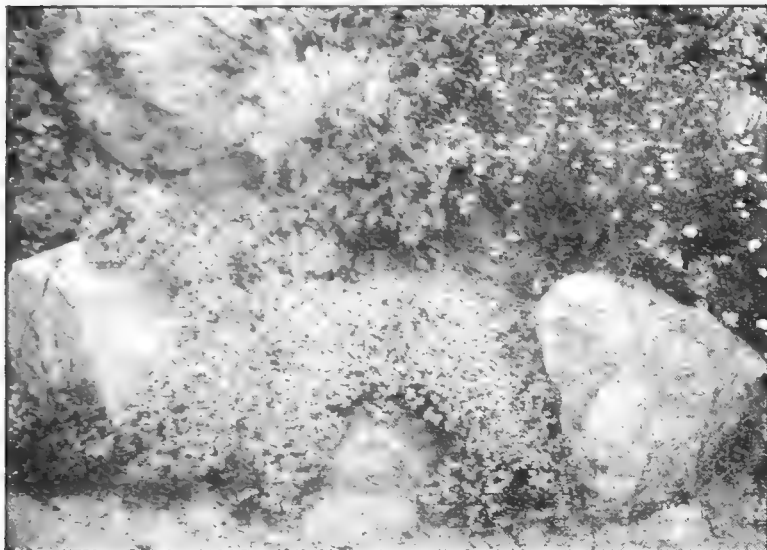


(9800) Hastings' Mammoth California Giants, 10c

9844 NEW POMPON BLACK RUBY. 1941 All-America. Darkest velvety maroon, black in appearance. Pkt., 15c. 1/4 Oz., 45c.

Buy FRESH Seed—Order DIRECT From Hastings—Buy War Bonds

# MAKE YOUR GARDEN LASTING WITH THESE PERENNIALS



★ Sedums, Dianthus, Dicentra add charm to Rockeries

## 1945 Postpaid Plant Prices

Plants priced at 35c each are any 3 for 90c, any 12 for \$3.00, any 25 for \$5.50. Plants at 40c each are any 3 for \$1.00, any 12 for \$3.45. Plants at 50c each are any 3 for \$1.25, any 12 for \$4.45. Plants at 60c each are any 3 for \$1.50, 12 for \$5.45.

## Achillea

MILFOIL OR YARROW—Delightful, easily grown, hardy plants for sunny places in good garden soil.

A. MILLIFOLIUM ROSEUM—Rose pink flowers, soft foliage, 35c each.

A. PERRY'S WHITE—Largest, finest double. 35c each.

## ★ Ajuga—Ground Cover

4 in. Creeping ground cover for shady places and rockeries.

PINK SPIRE—Soft pink in early summer. 40c.

## Aethionema—Persian Candytuft

WARTLEY ROSE—Blue foliage, lovely pink candytuft flowers. 40c.

## Anchusa—Cape Forget-Me-Not

ALKANET—Cape Forget-Me-Not. Of easy culture in any sunny and well-drained soil.

A. ITALICA DROPMORE—3-4 ft. high. New. Bright blue flowers, vigorous growth. 40c each.

★ A. MYOSOTIDIFLORA—12-18 in. compact forget-me-not flowers in April. 40c each.

## Anthemis—Golden Marguerite

MOONLIGHT—Hardy Golden Marguerite. Finely cut, fern-like foliage with yellow daisy-like flowers from May to Oct. Valuable for cutting and for the border. 40c.

## Aquilegia-Columbine

Graceful, distinctive, airy foliage, delicate arrangement of yellow, mauve, rose, flesh, lavender, blue, purple flowers on 2-foot stems. Good cut flowers.

A. DOBBIES' IMPERIAL HYBRIDS—Long spurred, finest of all strains. Delightful color and largest Columbines grown. Mixed colors only. 40c each.

## Artemisia

A. SILVER QUEEN—Indispensable decorative plant in border or for bouquets, baskets and other floral pieces. May be cut and dried for use all winter by itself or with flowers in bouquets. Bright silver colored stems and foliage. 30 in. tall, bushy plant. 40c each.

## Boltonia

SNOWBANK—Pure white, daisy-like flowers on tall, four foot, grand cutting stems. A real addition to your garden's lovely attractiveness and to add the distinction of interesting novelty.

★ Perennials especially adapted for rock gardens are marked with ★ preceding the name. Others may also be used, however.

## PERENNIALS IN YOUR DIXIE GARDEN

Too little have we availed ourselves of the marvelous groups of perennial plants in our Southern gardens.

Some of the choicest beauties belong to this perennial group and to their lovely charm is their added value in being long lived, coming back again, year after year, and really more beautiful as they grow older and larger.

Our suggestion for the generality of perennial plants is to provide rather rich, well drained beds that will grow other flowers nicely, mulching them moderately with peat moss or other good humus.

The secret of growing most of these plants successfully is to group them rather closely so that they shade each other's roots, using care not to smother small growing kinds with large growers.

Many of our best Southern gardeners plant these large perennial groups of such as hardy phlox, hardy asters, peonies (in upper South only), iris, hemerocallis, hardy salvia, and chrysanthemums in strategic places in the garden beds, filling in between with annuals, other smaller growing perennials, and also varied bulbs, planning of course for color harmonies upon a seasonal basis for greatest beauty.

Gardens planted all of one type or class of flowers usually become somewhat monotonous.

The nicest gardens, not expensive, either, are those having a pleasing variety, blooming all season and made even more interesting by some interesting novelties from time to time.

## Superb Hardy Garden Asters

MICHAELMAS DAISIES—Starworts. Among the showiest late summer and fall perennials. Give sunny exposure and they grow and bloom freely in any soil.

COLLECTION OF ALL 6 HARDY ASTERS SENT FOR \$2.25. POSTPAID.

BEECHWOOD CHALLENGER—An array of rich red flowers. 50c.

FRIKARTI, WONDER OF STAFFA—Everblooming. 3 ft. Vigorous plant with 2-inch flowers of lavender blue all summer. Give partial shade. Superb! 60c each.

HARRINGTON'S ADORABLE—Showy. Pleasing rose pink. 50c.

LITTLE PINK LADY—Loveliest pink flowers on small plant. 40c.

ROYAL BLUE—Rich deep blue novelty. 40c.

SNOWBANK—Superb new white. Strong grower, making nice cut flowers in late summer and fall. 40c each.

COLLECTION ALL SIX ASTERS, \$2.25.

## Campanula—Canterbury Bells

CANTERBURY BELLS—Bellflower, 2 to 3 ft. tall; very showy flowers from June for garden and cutting.

MIXED COLORS—Numerous branches crowded with large bells. 35c.

## Catananche—Blue Cupid Dart

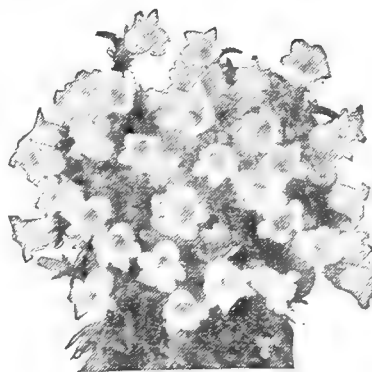
Rich lavender blue flowers above silvery foliage in midsummer. 40c.



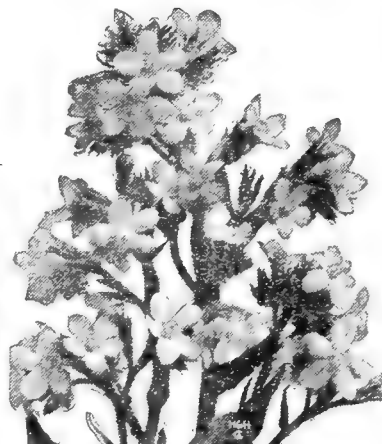
Aquilegia—Long Supred, 40c



Hardy Aster, Pink Lady, 40c 40c.



Campanula—Canterbury Bells, 35c

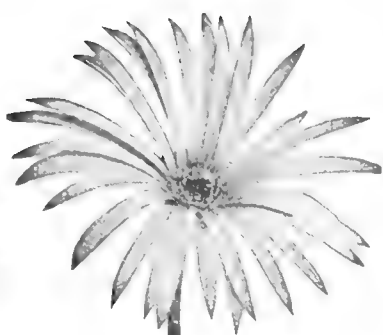


Anchusa, Dropmore, 40c

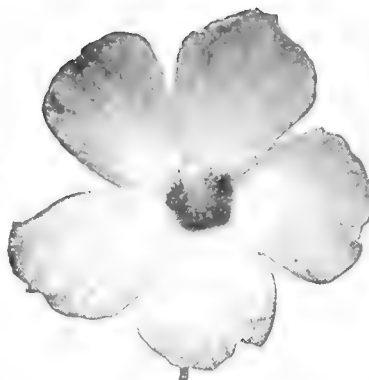




Hardy Chrysanthemum



★ Gerbera, Transvaal Daisy  
50c; 3 for \$1.25  
12 for \$4.45



Hibiscus—Mallow, 35c



Shasta Daisy, 50c

## HASTINGS' NEW HARDY CHRYSANTHEMUMS FOR FALL

**ANNA HAY**—Immense fragrant flesh-pink cut-flowers; yellow centers. 40c each.  
**ASTRID, GOOD MORNING**—(Korean.) Superb rich pure yellow; large. 40c each.  
**COMMANDER CUSHION**—The Azalea-like Mum, covered with blooms. 50c each.  
**DEAN KAY**—Famous new type. Early. Rose-pink. Choice. 50c each.  
**DEEP PURPLE JEWEL**—Double deep mysterious purple. 50c each.  
**EARLY WONDER**—(Pt. 490.) Delicate peach-pink cut-flower. 75c each.  
**EMBER**—Brilliant bronze, coral and orange. Fall. 40c each.  
**LAVENDER LADY**—True lovely lavender; large and double. 50c each.  
**ROSE SPOON**—Sensational newest novelty. Spoon petals. 50c each.  
**YELLOW DEAN KAY**—Bright golden yellow "Dean" type. 50c each.  
**SPECIAL COLLECTION OFFER**: One fine plant each of the ten varieties above, including the new types (\$4.95 value) for only, postpaid..... **\$3.95**

**MAXIMUM SHASTA DAISY**  
**ETOILE D'OR**—Immense cut-flowers. Summer-blooming. 50c each.  
**NEW DOUBLE WHITE SWAN**—Finest new introduction in years. Gorgeous double-crested flowers coming very early. Special, 40c each; 3 for \$1.00.  
**NORTHLAND DAISY, KRISTINA**—New type. Large rose-pink flowers. 40c each.

### Delphiniums

Fall and winter planting best.  
**D. BELLADONNA**—Clear sky blue; May to frost. 40c each.  
**D. NEW CALIFORNIA HYBRIDS**—Surpass even finest English strains. 50c. 3 for \$1.25. 12 for \$4.45.

### Dicentra—Bleeding Heart

**BLEEDING HEART**—1½ feet high, bushy plants with long racemes of graceful heart-shaped pink flowers in Spring.  
**D. SPECTABILIS**—Extra heavy clumps. True Bleeding Heart. 75c each. 3 for \$2.00.  
**D. EXIMIA**—Dwarf growth, plumed flowers. 50c.



Gaillardia—Sunset

### Doronicum

**EXCELSUM**—Earliest, immense Daisy-like flowers on long stiff stems for fine cutting. Blooms early. Golden yellow. 50c ea.

### Epimedium

**SULPHUREUM**—Bright yellow late spring flowers. Leather foliage. 40c.

### Hardy Fuchsia

**LONGIPEDUNCULATA**—For shady places. Ruby red pendent flowers freely borne all summer. True Fuchsia. 40c. 3 for \$1.00.

### Funkia

**UNDULATA VARIEGATA**—Plantain lily. Lilac flowers in spring. 40c.

### Gaillardia—Sunset

Everblooming. 24 in. Immense golden yellow flowers with red centers on fine cutting stems. Sensational! 40c.

### Gerbera

**TRANSVAAL DAISY**—Handsome of all daisy-like flowers. Plant with crown above soil surface. Semi-hardy.  
**★ G. JAMESONI HYBRIDS**—Beautiful single flowers. Mixed. 50c each. 3 for \$1.25. 6 for \$2.45. 12 for \$4.45.

### Geum

**AVENS**—Showy border and rock plants, 12 to 18 in. high and flowering from April to July.  
**★ G. PRINCE OF ORANGE**—Double orange. 50c.  
**★ G. RED WINGS**—Double fiery scarlet. 50c.

### Gypsophila

**BABY'S BREATH**—Graceful, airy large panicles of miniature, snow-like white flowers.  
**G. BRISTOL FAIRY**—Newest, finest, largest, purest double white. 50c each. 3 for \$1.25. 12 for \$4.45.  
**ROSY VEIL**—Dwarf; lovely pink. 45c.

### Hedera—English Ivy (For Indoors or Outdoors.)

**★ GRACILIS**—Very dwarf. Grand in rockeries. 40c.  
**ENGLISH**—Vigorous strain. 3 for 75c. 12 for \$2.50.

### Helianthus

**LODDON GOLD**—Enormous dahlia-like flowers, bright yellow and very showy. Cut and come again. 50c each.

### Heliopsis

**GOLDEN RAYS**—Superb golden yellow cut flowers with strong stems. 50c each.

### Hemerocallis (Collection, 1 each all 11 for \$2.95.)

**DAY LILIES**—Tall, graceful, 2 to 3 ft., grass-like. Delightful medium-sized lily flowers freely produced.  
**AURANTIACA**—Large, sweet scented. Orange, reverse Indian yellow. 4 ft. May, June. 35c.  
**D. D. WYMAN**—Magnificent gold. July. 45c.  
**DR. REBEL**—Rich orange yellow. Early May. 2 ft. 35c.  
**DUMORTIERI**—Yellow with bronze reverses. 35c.  
**FLAVA**—Lemon Day Lily. Bright yellow. 35c each.  
**GOLDENI**—Golden orange. Early. June. 3 ft. 45c.  
**GYPSY**—Deep orange. June. 45c.  
**KWANSO fl. pl.**—Double golden bronze. 35c.  
**LEMON KING**—Wavy yellow flowers. Midsummer. 45c.  
**MIDDENDORF**—Fragrant orange yellow. Apr., May. 35c.  
**MODESTY**—Pale yellow. June. 45c.  
**COLLECTION OFFER**—One each all 11 varieties, including the newer Hybrids, all sent for \$2.95. Postpaid.

### Hibiscus

Rosemallow. Improved Giant Flowering Mallow Marvels.  
**H. MALLOW MARVELS**—Pink, white or red. 35c each.

### Iberis

**HARDY CANDYTUFT**—Rockery and edging delight.

**★ SNOWFLAKE**—Dwarf, flowering white. 40c.

### Liatris—Blazing Star

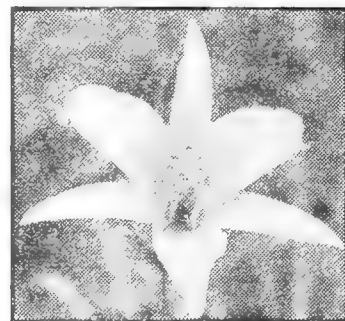
**★ SCARIOSA**—New dwarf with rosy lavender flowers in midsummer. 40c.

### Mertensia—Blue Bells

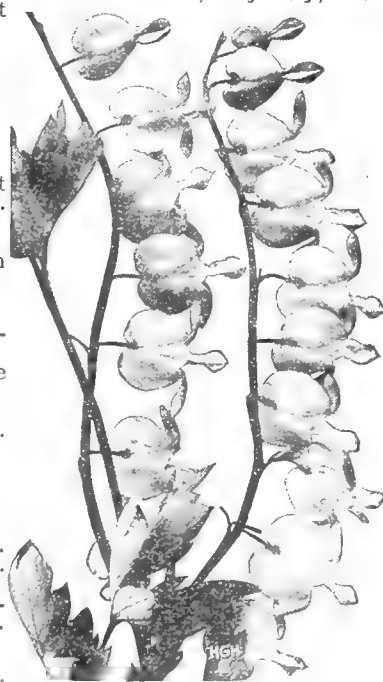
**VIRGINICA**—Virginia Bluebells. Plants with large, smooth leaves surmounted by large panicles of bell-shaped blue to pink flowers in spring. 35c each.

### Monarda

**DAHLIATOWN ORCHID**—Erect showy perennial with brightest orchid flower heads in mid-summer. 40c each.

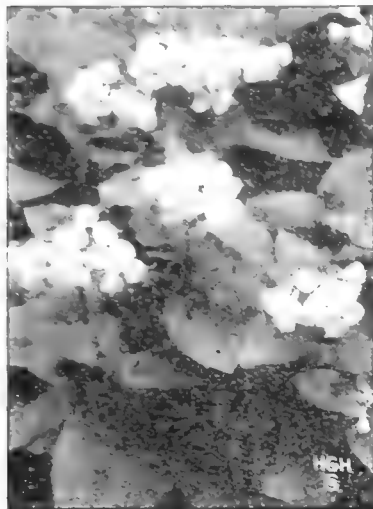


Hemerocallis, Day Lily, 35c



Dicentra—Bleeding Heart, 75c

# Hastings' Perennial Phlox to Plant Now in Your Garden for Summer Blooms



Mertensia—Bluebells, 35c (p. 71)

Perennial—Phlox Decussata. Improved varieties that are everblooming in any rich, well-drained soil. Plant in masses to insure coolness at roots. Mulching is desirable. Best in cooler locations with morning sun exposure only.

**SPECIAL HARDY PHLOX COLLECTION**—One each of 10 varieties described below for \$2.95. Postpaid. 3 each for \$7.95. Postpaid.

**APOLLO**—Brilliant crimson. Medium height.  
**ATHIS**—Pink. Tall salmon-pink. Violet eye.  
**BREAK O' MORN**—Delicate pink with red eye.  
**CHAMPION**—Rose. Very free-flowering old-rose-pink.  
**ENCHANTRESS**—Salmon. Bright salmon-pink with dark eye.  
**ETHEL PRITCHARD**—Mauve. Strong grower. Delightful French mauve.  
**MRS. W. G. HARDING**—Pink. Deep salmon-pink. Lovely.  
**PAINTED LADY**—Tall. Silvery pink, salmon shadings; cherry eye.  
**PINK LINGARD**—Pale pink. Delicately toned pink coloration.  
**THOR**—Scarlet-pink. Scarlet glowing deep pink, red eye.

Prices above varieties: 40c each. 3 for \$1.00. 12 for \$3.45.



Hastings' Hardy Phlox, 40c

## New Giant Hardy Garden Thrift

**P. NIVALIS SYLVESTRIS**—Dixie Brilliant. Positively the greatest sensation in the garden world in years. Vigorous growing, true hardy thrift with large rosy-red flowers, each to cover a half dollar. A veritable blaze of color in early spring. 35c each. 4 for \$1.00. 12 for \$2.65. 100 for \$15.00. Postpaid.

## Garden Thrift—Phlox Subulata

★**SNOW WHITE**—Pure white.  
 ★**G. F. WILSON**—Soft Lavender.  
 ★**ROSEA**—Rose Pink.  
 ★**VIVID**—Pink, red eye.  
**PRICES**—Above varieties. 35c each. 3 for 90c. 12 for \$3.00. Postpaid.

## Lobelia

**CARDINALIS**—Many spikes of cardinal flowers on grand cutting stems. 40c.

## Lythrum

**BONNY PINK**—Beautiful rose pink mid-summer cut flowers. 50c.

## Lysimachia

**VULGARIS**—Bright yellow cut flowers from plants with large oval leaves. 40c.



Garden Thrift—Phlox Subulata

## Platycodon—Bell Flower

**GRANDIFLORUM**—Bell Flower. Bell-like flowers most of the summer.  
**PLATYCODON BLUE**—40c each.  
**PLATYCODON WHITE**—40c each.

## Physostegia

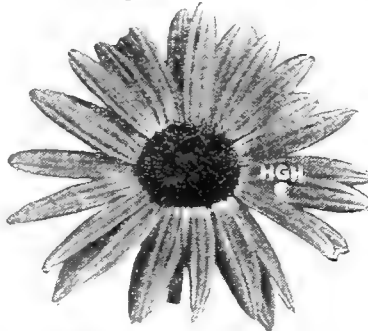
**VIVID**—False dragonhead. Many long spikes of mauve flowers all summer. 40c.

## Pyrethrum—Painted Daisy

**NEW HYBRIDS**—Painted Daisy. Exquisite daisy flowers in pastel colors. 35c.

## Rosa Rouletti

**ROCK GARDEN ROSE**—10 in. Little gem with miniature pink buds. 50c.



Pyrethrum—Painted Daisy

## Santolina—Lavender Cotton

Dwarf border or edging plant with silvery, aromatic foliage. A true herb. 35c.

## Sedums—Superb Ground Covers

**S. KAMSCHATICUM VARIEGATUM**—Golden yellow, variegated foliage. Orange flowers. 35c.

★**S. SPECTABILE BRILLIANT**—18 in., large leaves; red flowers in Sept. 35c.

## Stokesia—Cornflower Aster

Cornflower Aster. Perennial cornflower with bright blue cutting flowers. 40c.

## Thermopsis

**CAROLINIANA**—Lupine-like plant with yellow pea-like blooms in May and June. About 2 ft. high. 35c.

## Teucrium Chamaedrys

Very rich dark green foliated border plants like dwarf boxwood. Set 8 in. apart. 35c.

## Tritoma—Red Hot Poker

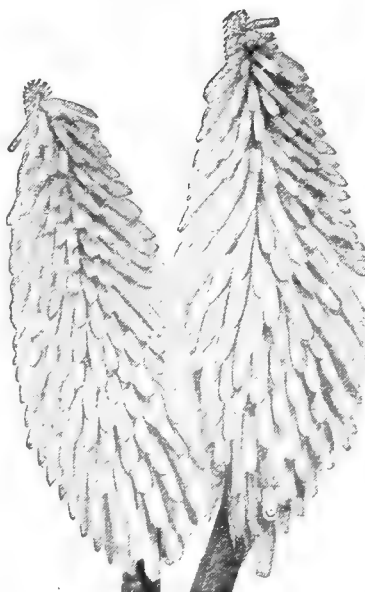
**PFITZERI HYBRIDS**—Orange scarlet. 40c.

## Veronica—Speedwell

**BLUE SPIRE**—18 in. Bright lavender. 40c.



Platycodon—Bell Flower, 40c  
 One of the daintiest and best adapted perennials for our gardens.



Tritoma—Red Hot Poker, 40c



Veronica—Speedwell

# EVERBLOOMING GARDENIA

## SOUTHERN CAPE JASMINE

### Sensation of Truly Southern Gardens

**GARDENIA FORTUNEI.** This magnificent new heavily doubled, giant flowering evergreen sensation has become the envy of all who see them because of their added attribute of a greatly extended blooming season during the summer and again in autumn when choicest flowers are rare and florist gardenias are selling at prices of a dollar or more. And they are choicest evergreen shrubs to grace any home planting. Just think—for a modest price you can grow your own corsages—have real, live richly fragrant gardenias, when others are wearing artificial ones or are doing without.

Just one or two of these sweetest of all flowers will perfume the home and will last several days.

We have sold many thousands of these superb evergreen shrubs during the past several years and again offer fine well rooted plants at the same low price of 60c each. 5 for \$2.50. Postpaid.

And we have a limited few larger plants to sell for \$1.00 each. 3 for \$2.50. Postpaid. While they last. Please send your order early for these as our production facilities are naturally limited under present conditions.



New Everblooming Cape Jasmine, 60c

## DIXIE BRILLIANT

### New Everblooming Red Crape Myrtle

#### THE FINEST IN EXISTENCE

Only once in a lifetimes does a wonderful new offering like Dixie Brilliant Everblooming Crape Myrtle come from even as large a firm as Hastings in Atlanta.

It is beyond question the finest Crape Myrtle ever grown. It is medium large, strong, vigorous, of dense, compact growth and literally covered practically all summer long with tremendous heads of richest brilliant red. The foliage is dark green, large and very showy as a shrub, even when not in bloom. It blooms the first year from even small plants. It is not patented, which means that you can make as many cuttings and grow as many new plants as you wish without any restrictions whatsoever. We are perfectly willing for

everyone to enjoy this wonderful new Crape Myrtle and expect to see it glorify every section of the South within just a short time.

#### DELIVERED PRICES OF GUARANTEED BLOOMING SIZE PLANTS FOR 1945.

1 plant for	.....\$0.79
3 plants for	.....1.79
5 plants for	.....2.79
10 plants for	.....4.79
25 plants for	.....10.79
100 plants for	.....39.79

Prepaid.

Please send your order early. The supply is limited and we sold out last year.



Flower Head of Crape Myrtle

### BUTTERFLY BUSH COLLECTION, \$2.25

One plant each all four new varieties—Postpaid, \$2.25.

**BUDDLEIA ROYAL RED**—Patent 556—Rapid growing, popular, everblooming shrub, with large lilac-like deep reddish blossom spikes. 75c.

**BUDDLEIA, ORCHID BEAUTY**—Superb new bright orchid toned beauty. 60c. 3 for \$1.50.

**BUDDLEIA, PINK CHARMING**—Gorgeous new lovely pink Butterfly Bush just introduced. Large flower spikes. Best color in rich soil. 60c. 3 for \$1.50.

**BUDDLEIA DUBONNET**—Most exciting new introduction. Immense wine colored spikes all summer. 60c each. 3 for \$1.50.

### BEST VINES FOR PORCH, FENCE, TRELLIS

**CLEMATIS**—Beautiful climbers for flowers.

**JACKMAN**—Large purple flowers for part shade. \$1.00.

**SWEET AUTUMN**—Sheets of fragrant white. 60c.

**CORAL VINE**—Antigonon leptopus. Mountain Rose. Rather tender but vigorous growing vine, filled with showy racemes of clear pink flowers in late summer and fall. Tubers, \$1.00. 3 for \$2.50. (Seed on p. 54.)

**CLIMBING HONEYSUCKLES**—Southern favorites.

**HALL'S JAPAN**—White to cream flowers. 75c.

**SCARLET**—Coral-red flowers and berries. 75c.

**IVY**—Indispensable climbers for rock-work, brick and ground covers. Well known and popular.

**BOSTON**—Greatest clinging vine; fast grower. 60c.

**ENGLISH**—The Evergreen Ivy. 30c. 12 for \$2.50.

**VIRGINIA CREEPER**—More airy than Boston. 60c.

**VINCA. V. minor.** Periwinkle. Evergreen ground cover for sun or shade. 6 for \$1.00. 12 for \$1.75. 100 for \$11.95. Postpaid.

**PURPLE WISTERIA**—Rapid growing climber with great drooping racemes of lilac-purple, pea-shaped blooms. Grafted Plants, from known flowering vines, on strong roots. \$1.00 each. 3 for \$2.50.

**WHITE WISTERIA**—Grafted plants on strong roots. Showy white. Vigorous. \$1.25 each.

**SILVER LACE VINE**—Polygonum. \$1.00. 3 for \$2.50.



WEIGELA

ROSEA

HGH

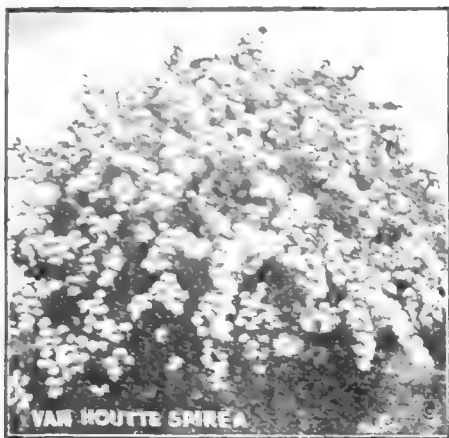
©



Butterfly Bush—Blooms all summer



# Select From Dixie's Finest Flowering Shrubs



**Postpaid Prices** All heavy field grown. Plants, 40c each are 3 for \$1.00; 10 for \$3.00. Plants, 50c each are 3 for \$1.25; 10 for \$4.00. Plants, 60c each are 3 for \$1.50. Plants, 75c each are 3 for \$2.00. (Order before March 15th.)

**RED DOGWOOD**—Well-known, valuable shrub or small tree for specimens, lawn trees and naturalizing. We offer the Red Flowering, so scarce and greatly in demand. Strong grafted plants, \$1.00 each. Extra strong grafted plants, \$1.69 each.

**DOUBLE WHITE DOGWOOD**—Gorgeous double flowers. Grafted plants, \$1.45 each.

**SINGLE WHITE DOGWOOD**—Favorite everywhere. Well rooted trees, 10 for \$1.50.

**FLOWERING ALMOND**—Dwarf Flowering. Grows 4-5 ft. tall; completely covered with double pink flowers in spring. 60c.

**FLOWERING CRAB-APPLES**—Malus. **JAPANESE FLOWERING CRAB**—Warm red buds, opening single light pink; fragrant. Most prolific of all. \$1.25.

**FLOWERING PEACH**—Red Double-Flowering. Covered with red flowers before leaves appear in spring. 85c.

**DOUBLE WHITE**—85c.

**FLOWERING POMEGRANATE**—Bushy shrub, double 1-1½ in. brilliant orange-red flowers through summer. 60c.

**FLOWERING QUINCE**—Cydonia japonica. Beautiful flame-scarlet masses of bloom as glossy leaves appear. 50c.

**FORSYTHIAS**—Golden Bells. Golden bell-shaped flowers in February and March. Grows 6 to 10 ft. tall.

**FORTUNE FORSYTHIA**—Upright growth. 60c.

**GREENSTEM FORSYTHIA**—Best Southern variety. 60c.

**WEeping FORSYTHIA**—Most useful kind. 60c.

**GOLDFLOWER**—Hypericum. 12 in., beautiful dwarf plant; clear, waxy flowers borne all summer. Superb for low mass effects. 75c.

**HYDRANGEAS**—3-5 ft. Most showy plants imaginable. Easily grown, long blooming season. Huge heads of white.

**HILLS OF SNOW**—Aborecens. Greatest show we know. 60c.

**PEE GEE**—Paniculata grandiflora. Huge cone-shaped flower panicles, midsummer until fall. Prefer moist fertile soil. 60c.

**BLUE-PINK FRENCH HYDRANGEA**—Liming soil makes flowers pink. Acid soil makes flowers blue. Strong plants. 75c. 3 for \$1.95.

**JASMINE**—Jasminum. 2 to 3 ft. tall; graceful, spreading, evergreen shrubs. Bright, rich yellow flowers.

**JANUARY JASMINE**—January-February blooming. 60c.

**PINK STEPHANENSE JASMINE**—Lovely pink flowers. 75c.

**FLORIDA JASMINE**—Largest primrose flowers. 60c.

**KERRIA**—Japanese Rose. Double Globe Flower. 6 to 8 ft., graceful shrub with arching branches. Bright, rich, yellow globe-shaped, double flowers like Lady Banksia Roses nearly all summer. Very attractive. 75c. 3 for \$1.95.

**LILACS**—Syringa. 8 ft. Old favorites everybody knows. Spikes or long cones of flowers in a wealth of April bloom.

**PURPLE LILAC**—Hardest and easiest grower. 75c.

**WHITE LILAC**—Of our grandmother's gardens. 75c.

**PERSIAN LILAC**—Rothomagensis. Best in South. 75c.

**MOCK ORANGE**—Philadelphus. Handsome bushy shrubs with beautiful waxy white flowers of orange-blossom fragrance. **CORONARIUS**—Sweet, single creamy white. 60c.

**VIRGINAL**—Sweet; 2½-in. Semi-dble. 75c.

**PEARL BUSH**—Exochorda. Richest waxy white flowers in a mass of bloom, in early spring. 50c each.

**SPIREAS**—Indispensable shrubs for every home and are very effective bloomers.

**ANTHONY WATERER**—Crimson Spirea. Rosy crimson flower clusters. 60c.

**BILLIARD SPIREA**—6 ft. Dense spikes of rose-pink flowers from June. 75c.

**BRIDAL WREATH OR VAN HOUTTE**—Masses of white flowers in spring. 50c.

**DOUBLE BRIDAL WREATH**—Like Van Houtte except double flowers. 75c.

**SNOW GARLANDS**—S. thunbergi. Slender branches with masses of miniature white flowers very early. 60c.

**SWEET SHRUB**—Calycanthus floridus. Chocolate colored double flowers of extreme fragrance. 50c.

**VIBURNUM - SNOWBALLS**—Hardy tree-shrubs with large snowball flowers.

**COMMON SNOWBALL**—Gorgeous sight in spring. \$1.00.

**JAPANESE SNOWBALL**—Perfect ball flowers in great profusion. \$1.00.

**WEIGELAS**—Diervilla. April-May blooming; trumpet shaped clusters of flowers.

**EVA RATHKE**—Crimson-red. \$1.00.

**ROSEA**—Bright pink. Wonderful. 60c.

**ABELIA**—Excellent in shade or sun; glossy evergreen foliage; blooms all summer long; pinkish white tubular flowers. Best all-round shrub. 50c each.

**PINK BEAUTY**—See cover. \$1.00 each.

**ALTHEAS**—Hibiscus syriacus. Rose of Sharon. Blooms continuously all summer. **COLLECTION 1** each all five Altheas, \$1.69.

**ALTHEA, ARDENS**—Beautiful double blue-violet. 50c each.

**COMPTE DE HAINAULT**—Very fine double flesh pink. 50c.

**DUCHESS DE BRABANT**—Exquisite double bright red. 50c.

**JEANNE D'ARC**—The best white. 50c.

**LADY STANLEY**—Semi-double, light pink, splashed carmine. 50c.

**BARBERRY**—Berberis thunbergi. Easily grown, medium height, bushy, thorny shrub for clumps, foundation plantings and hedges. Scarlet leaves and berries in fall. **JAPANESE BARBERRY**—Green leaves. Strong plants. 50c.

**RED LEAVED BARBERRY**—Red leaves. Strong plants. 75c.

**BEAUTYBERRY**—Callicarpa purpurea. Recurving branches with tiny pinkish flowers in August, followed by masses of violet-purple berries. 50c.

**BEAUTY BUSH**—Kolkwitzia. Perfect ornamental; arched branches with amazing clouds of light pink bell-flowers in May and June. Strong plants. 75c each.

**BUSH HONEYSUCKLES**—Lonicera. Bright, pretty, sweet flowers followed by showy berries, desirable for screens, hedges, high foundation plantings.

**WINTER HONEYSUCKLE**—Sweet, white flowers. Strong plants. 50c.

**JAPANESE BUSH**—White flowers, coral berries. Strong plants. 50c.

**TATARIAN**—Blush pink, red berries. Strong plants. 50c.

**CORALBERRY**—Symphoricarpos vulgaris. Berries are coral-red, almost purple in thick ropes along the weighed down stems. 50c.

**CHASTE TREE**—Blue Vitex. Large shrub; strong aromatic odor. Exquisite blue flowers on terminal spikes in summer, small and rich blue. 50c.

**CRAPE MYRTLES**—Lagerstroemia indica. Southern favorite; hardy, heavy bloomer for specimen, lane and street plantings.

**PINK CRAPE MYRTLE**—Strong. 60c. Extra strong. \$1.00.

**DIXIE BRILLIANT RED**—Strong. 79c. 3 for \$1.79.

**WHITE CRAPE MYRTLE**—Strong, 60c. Extra strong, \$1.00.

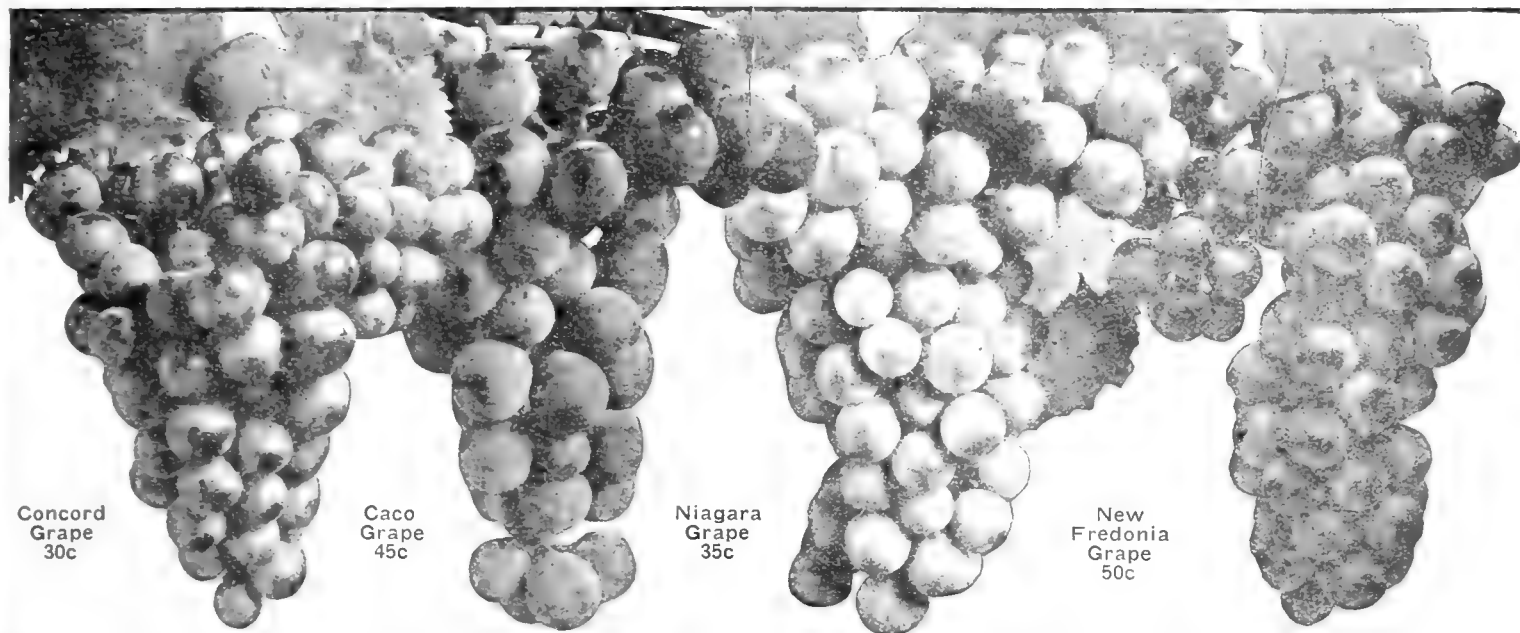
**DEUTZIAS**—Beautiful, large, double, free-flowering pinkish and white, dainty tassel-shaped flowers thickly along branches.

**PRIDE OF ROCHESTER**—Pinkish white, vigorous growth and prolific blooms. 60c.



Purple Wisteria—Grafted Plants, \$1.00. (See p. 73)

# THE SOUTH IS THE COMING GRAPE PRODUCING SECTION GET IN ON THE GROUND FLOOR—NOW!



Concord  
Grape  
30c

Caco  
Grape  
45c

Niagara  
Grape  
35c

New  
Fredonia  
Grape  
50c

## Bunch Type Grapes—Self-Pollenating

**\$2.85 Grape Collection** Greatest bargain of grapes ever offered. Two each of Concord, Caco, Niagara, New Fredonia, and in addition two of Moore's Diamond. Ten strong vines, 5 varieties, Postpaid—\$2.85. Send your order early (no changes allowed).

**CACO**—Most delicious of all red grapes. Very sweet and tender. Newest and best. Postpaid—45c each; 5 for \$1.75.

**CONCORD**—Best known and most popular. Blue-black, thin skin, sweet and tender. Postpaid—30c each; 5 for \$1.25.

**MOORE'S DIAMOND**—Greenish-white Concord seedling. Large, early, sweet and tender. Postpaid—35c each; 5 for \$1.50.

**FREDONIA**—Finest of all new grapes. Superb South. Blue-black. Ahead of Concord. Ripens uniformly. Delicious for table. Postpaid. 50c each. 5 for \$2.25. 10 for \$3.95.

**LUTIE**—Most satisfactory Southern red grape. Sweet, delicious large bunches. Postpaid. 45c each. 5 for \$1.75. 10 for \$3.25.

**NIAGARA**—Best white grape. Large bunches, sweet and juicy. Vigorous. 2 yr. vines. Postpaid—35c each; 5 for \$1.50; 10 for \$2.50.

## MUSCADINE - SCUPPERNONG COLLECTION \$2.45

One strong vine each of Hunt, Thomas genuine bronze Scuppernong—AND—one male vine to pollinize all of them. POSTPAID FOR \$2.45. (You save 80c). Order to plant early.

## Vine Type Grapes—Require Male Vines

Prices all varieties delivered, including Scuppernong Muscadines, and male plants: 65c each; any 5 for \$2.75; 10 for \$5.00.

**MALE**—Plant one male for up to 10 bearing plants; same male plants good for Scuppernongs or Muscadines. 65c.

**GENUINE SCUPPERNONG**—Vigorous vine, large, bronzy colored berries; sweet, pulpy and vinous. Postpaid—Strong plants, 65c.

**CREEK**—New extra sweet reddish purple Muscadine borne in large clusters. Thin skin; medium size. Good wine variety. Ripens about October 1. 65c.

**HUNT**—New favorite with vigorous vine and regular bearing habits. Fruit large, black, bunching well, excellent flavor. Ripens late August in mid-South. 65c.

**DULCET**—Large, purplish red Grapes, borne in clusters of 10 to 12 berries, often as large as a pigeon egg. Vine is strong, healthy and free from disease. It ripens after Scuppernong and its delicious sweetness lingers with you. Mid-September. 65c.

**THOMAS**—The popular favorite for making wine. Medium-sized, juicy berries of darkest red in small clusters. Prolific, free from disease and famous for its Muscadine Punch. Mid-September. 65c.

**YUGA**—Light bronze Grape of excellent quality. Large clusters to ripen in late September. A late Scuppernong. Very sweet and holds on vine unusually well. 65c.

## BERRIES ARE PROFITABLE IN SMALL GARDENS

### OUR SUPERB NEW YOUNGBERRY

This delicious, quick and heavy bearing, vigorous growing cross between Loganberry and Dewberry, is even larger than the Loganberry; purple-black in color, and is flavored like a Raspberry. Plant at least 4 by 8 ft. apart, or in a single row along a fence for home use. Cover roots only 1 in. and firm soil. Give clean cultivation. Delivered—10 plants, \$1.25. 100 plants, \$7.95.

### NOW A THORNLESS YOUNGBERRY

Same as above except thornless and easier to pick. Postpaid. 5 plants, \$1.00. 10 for \$1.50. 100 for \$11.95.

### HASTINGS' FAMOUS BLACKBERRIES

**EARLY HARVEST**—Large berries of excellent quality.

Postpaid—10 plants, \$1.25. 100 plants, \$7.95.

**ALFRED—CORELESS**—Mammoth new variety for home gardens. Postpaid—10 for \$1.25. 100 for \$7.95.

### New Boysenberry For Southern Gardens

New glorified Youngberry of tremendous size and delicious flavor. Most prolific and of highest quality for home use and markets. Postpaid—5 for 85c. 10 for \$1.45. 100 for \$10.95.

**THORNLESS BOYSENBERRY**—5 plants, \$1.25. 10 for \$2.00.

### DELICIOUS DEWBERRIES FOR 1945

**LUCRETIA**—Large, fine berry of unusual flavor. Very prolific. Postpaid—10 plants, \$1.00. 100 for \$6.95.

### RASPBERRIES FOR THE UPPER SOUTH

**SODUS PURPLE**—Heaviest yielding and highly recommended to Southern Raspberry growers. Fine, large purple berries to tempt the most fastidious. Delivered—10 plants, \$1.25; 100 plants, \$7.95.

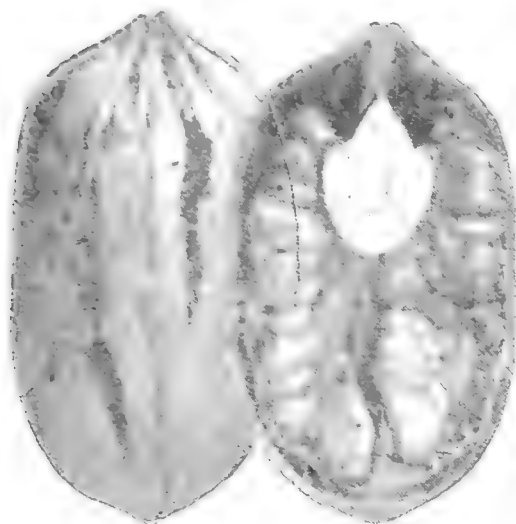
**LOGAN BLACKCAP**—Disease-resistant new blackcap Raspberry ripening early in the South to give abundant yields wherever Raspberries can be grown. Large, glossy black. Holds well in dry weather. Delivered—10 plants, \$1.00; 100 plants, \$6.95.

**ST. REGIS RED**—Sometimes called Everbearing. It produces a good crop in spring and often a second crop in fall. Bright crimson, large, pulpy fruit with pronounced Raspberry flavor. It is a prolific, satisfactory grower and certainly worth care in growing. Delivered—10 plants, \$1.25; 100 plants, \$7.95.

**VAN FLEET—SOUTHERN RED**—The Raspberry for farther South. It is considered by far the best red for the South. Strong, vigorous, and a prolific bearer of delicious, subacid, medium fruits. Delivered—5 plants, \$1.00; 10 plants, \$1.50; 100 plants, \$11.95.

**NEWBURGH, NEW RED**—A New York introduction very resistant to mosaic. Fruit unusually large, bright red and firm, of highest quality. Delivered—10 plants, \$1.25; 100 plants, \$7.95.

# Plant These Trees Now for Your Own Future



## INVEST IN HASTINGS' FINE PECANS

**Stuart Pecan** Nuts large to very large, 1½ to 2 in. long; oblong, brownish shell, strongly marked with dark color. Shell is medium thin and of very good cracking quality. Kernel is full, plump and bright in color. It is a heavy bearer and is giving great satisfaction in many parts of the country where it is widely planted.

**Schley Pecan** Nuts medium to large, 1½ to 1¾ inches long, oblong, somewhat flattened and light reddish brown in color. Thin shell, separating easily from the kernel, which is full, plump, bright in color, nutty and rich in flavor with the very best quality. We can supply other varieties at these prices but this is the most popular and satisfactory Pecan grown. Plant plenty. Fine budded trees.

**Moore Pecan** Nuts small medium. Oblong, thin shelled and crack easily. Kernel is plump and flavor and quality are very good. Dependable bearer. Gives good crops every year, even when others have light crops. Fine in sandy soils.

**Success Pecan** Well named; large size, oblong, tapering to the apex. Color is reddish brown with purplish markings. Shell is thin, partitions are thin and cracking quality good. Kernel is large, full, plump, yellow in color. Flavor is sweet and quality is very good. The tree is a strong grower and a regular and heavy bearer. Excellent to pollinize other varieties nearby.

### PECAN PRICES—LIVEWELL COATED TREES

Make Your Own Choice of Separate or Assorted Varieties.

Stuart Pecans—Fine Budded Trees—\$1.39

DELIVERED—2 foot budded trees, \$1.39; 3 for \$3.75; 12 for \$11.95; 25 for \$22.75.

## Special Collection Offer Hastings' Livewell Pecan Trees, Delivered to You for \$4.45

Although the supply of good pecan trees is critically short of demand we do have a limited number of fine, vigorous young trees (more easily transplanted than larger trees) and offer, for early orders only, one choice two-foot tree each of the above four superb varieties delivered postpaid for \$4.45. (A \$5.56 value.)

## Again Hastings' Golden Root Strawberries For 1945

### Heavy Bearing Winners for Southern Gardens



Hastings' Golden Root Plants are the best strawberries for the South.

**Blakemore.** (Perfect.) Uniformly large, brightest red berries borne early, insuring bountiful supplies. Introduced by the U. S. Dept. of Agriculture, it has become one of the leading Southern varieties for home gardens and market.

**Fairfax.** (Perfect.) Another introduction by the U. S. Dept. of Agriculture and a superb companion to Dorsett which ripens slightly later. Uniformly large, bright deep red, very firm and delicious berries borne abundantly over a long season.

**Klondyke.** (Perfect.) An older variety heavily planted in the South where it has a proven record of success for many years. Early bearing on vigorous, upright growth. Klondyke is a real money-maker. Handsome, large, firm berries.

**Missionary.** (Perfect.) Superb for light soils and growing in the Lower South. The great leader in Florida for early, profitable crops. Berries well colored, large and firm.

**Mastodon Everbearing.** (Perfect.) Without question the best of the Everbearing varieties and the one for you to plant. Berries delicious and of good size on dark green plants.

**Southland.** (Perfect.) Another U. S. Dept. of Agriculture variety, particularly recommended for the South. Extremely early and dependable fruiter, of highest quality.

### Strawberry Prices, Delivered Order Early PLANTS SCARCE!

	100	500	1000
Blakemore .....	\$3.25	\$10.95	\$19.95
Fairfax .....	3.25	10.95	19.95
Klondyke .....	3.25	10.95	19.95
Mastodon Everbearing .....	5.95	(critically short)	
Missionary .....	3.25	10.95	19.95
Southland .....	3.25	10.95	19.95

Special Garden Collection 25 each of all six varieties for \$4.45 (150 plants.) (\$5.25 value.)

Special Garden Collection 50 each of all six varieties for \$7.95. (300 plants.) (\$10.50 value.)

Orders cannot be accepted for less than 100 plants. Shipments will be made from November 1 to April 15. Order and plant early for best results.

## SPECIAL OFFER - 5 YEARS FOR ONLY \$1.00

Why Not Read the Best Southern Farm and Garden Magazine?

## The Progressive Farmer--Southern Ruralist

We have always recommended to our garden and farm customers that they read our own Southern written, Southern edited magazines and we are very happy to say that you may now include your subscription along with your regular order to us and we will handle it for you at this remarkable bargain price.

With practically one million copies sent monthly to all sections of the South you are sure to have the best advice for our Southern soils and climatic conditions to fit in with Hastings' seeds and plants and bulbs which are the best also.

Edited and written in five separate zone editions you get first hand the latest and most authentic garden and farm news no matter what section of the South you live in.

The Carolinas-Virginia edition.

The Georgia, Alabama, Florida edition.

The Kentucky, Tennessee edition.

The Mississippi, Arkansas, Louisiana edition.

The Texas edition.

We will send you the proper edition for where you live.

Just think of it! Five full years of this modern Southern garden and farm magazine delivered to you for only \$1.00. Less than 2c per copy. This is positively all you pay!

Send in your subscription today, together with your seed order or separately if you wish. (There are absolutely no strings tied to this marvelous offer). Don't delay. Only \$1.00 for 5 years.



# Be Sure to Plant a 1945 Fruit Garden!

## GEORGIA PEACHES ARE FAMOUS

The most popular fruit tree planted in the South and by far the most satisfactory.

**BELLE OF GEORGIA**—Midseason. Large size, beautiful freestone peach with deep crimson cheek. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**CARMAN**—Early. Round, red on white background. Freestone. Flesh white, red at pit. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**GOLDEN JUBILEE**—Early. Yellow freestone variety. Elberta type. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**EARLY ELBERTA**—Medium Early. Very large freestone with yellow flesh. Juicy, very fine. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**MIKADO**—Early. Sensational new semi-freestone of huge size for so early maturity. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**ELBERTA**—Late. Most popular peach in the world. Freestone, yellow overlaid red. Excellent. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**HALE HAVEN**—Midseason. Freestone. Very hardy to cold. Firm, delicious golden flesh. 2 weeks ahead of Elberta. 2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**HILEY OR HILEY BELLE**—Early. Large, freestone, white skin with red cheek. Heavy bearer. Good shipper. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

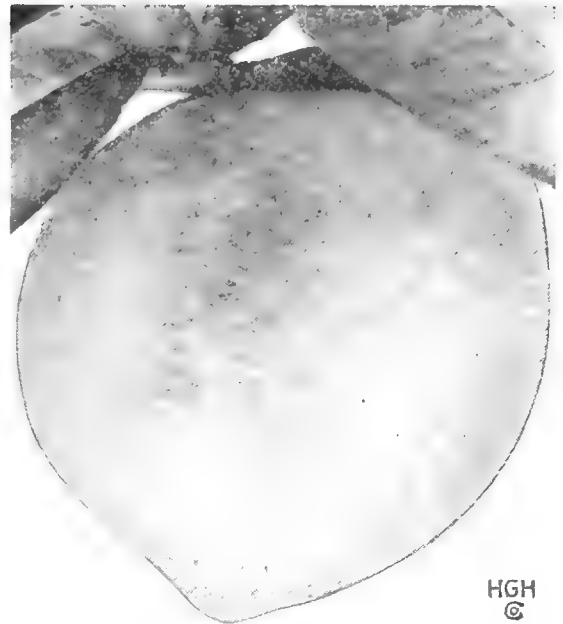
**INDIAN CLING**—Blood Cling—Late. Dark, clingstone variety with streaked red flesh. Old and good. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**J. H. HALE**—Late. The "Million Dollar Peach." Freestone and extra large in size. Better than Elberta. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**MAYFLOWER**—Earliest of all. Very red, very early, medium size, freestone variety. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

**WHITE ENGLISH**—Very Late—Clingstone. Most popular variety for pickles and preserving. Ideal tender flesh. Postpaid—2-3 ft., 60c each. 3 for \$1.50. 12 for \$4.85. 25 for \$8.45.

Larger sizes—all varieties above—F. O. B.—4-6 ft., \$1.00 each. 3 for \$2.75. 12 for \$8.95.



Elberta Peach—Standard of All—60c.

## APPLES ARE MOST DELICIOUS FROM HOME TREES

**ALL RED DELICIOUS**—Late Fall. Large uniform size, round and long, dark red. Quite juicy. 2-3 ft., 75c each.

**EARLY HARVEST**—Early. Medium, round, sour apple, bright straw color when ripe. Cooks well. 2-3 ft. Postpaid—75c each.

**YELLOW DELICIOUS**—Early winter. Medium large, round, yellow and mild. Very valuable. Postpaid—2-3 ft., 75c each.

**STAYMAN WINESAP**—Winter. Very high quality for Southern planting. Lively deep red, splashed crimson. Sweet. Postpaid—2-3 ft., 75c each. 3 for \$2.00. 12 for \$6.95.

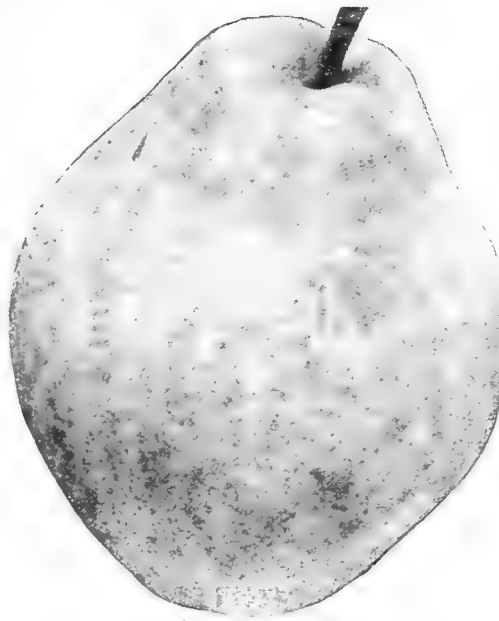
**YATES**—Winter. Small, dark red, speckled, juicy and sweet. Finest home variety for eating and cider. Postpaid—2-3 ft., 75c each.

**YELLOW HORSE**—Late Summer. Large greenish yellow, hard and crisp. Fine for cooking or drying. 2-3 ft., 75c each.

**PRICES**—All apple varieties above, Postpaid 2-3 ft., 75c each. 3 for \$2.00. 12 for \$6.95. F. O. B. 4-6 ft., \$1.10. 3 for \$2.95. 12 for \$9.75.

**TRANSCENDENT CRAB APPLE**—Late. Hardy, heavy bearing yellow with red cheek. Fine for cider and jelly.

Postpaid—2-3 ft. trees only, 85c. 3 for \$2.25.



Kieffer Pear, 75c

## SWEET SOUTHERN PEARS

**BARTLETT**—Large, fine grained, sweet, and of highest quality.

**KIEFFER**—Good keeper. Juicy, good flavor. Largely planted.

**PINEAPPLE**—Blight resistant, large, coarse. Excellent for cooking.

**SECKEL**—Small sugar pear. Sweetest and most prolific.

Postpaid. 2 ft., 75c. 3 for \$2.00. 12 for \$6.95.

## GIANT PERSIMMON

**TANE-NASHI, JAPANESE**—Extra large market variety of highest quality. Postpaid, 2-3 ft., \$1.00 each. 3 for \$2.50.

## PROLIFIC GIANT PLUMS

**ABUNDANCE**—Early red, yellow flesh.

**BURBANK**—Dark red, yellow flesh, sweet.

**JAPANESE GOLD**—Midseason. Clear golden skin, yellow flesh.

**RED JUNE**—Earliest. Red, yellow flesh.

**SHROPSHIRE DAMSON**—Purple, tender.

Postpaid, 2-3 ft., 65c. 3 for \$1.50. 12 for \$4.95.

F. O. B.—4-6 ft., \$1. 3 for \$2.75. 12 for \$8.75.

## Delicious Southern FIGS

**BROWN TURKEY**—Medium size, coppery brown, highest quality. Postpaid. 65c each. 3 for \$1.50. 12 for \$4.95.



All Red Delicious Apple, 40c

## CHERRIES FOR UPPER SOUTH PLANTING ONLY

**BLACK TARTARIAN**—Sweet, 2-3 ft., 85c each. 3 for \$2.45. 12 for \$7.95. Postpaid.

**EARLY RICHMOND**—Sour. 2-3 ft., 75c. 3 for \$2.00. 12 for \$6.95. Postpaid.

## SPECIAL BOUNTIFUL FRUIT GARDEN COLLECTION

### HASTINGS' 1945 HOME ORCHARD

### 12 STRONG TREES FOR ONLY \$5.95 POSTPAID

Hastings makes this special home orchard offer at this very low price in order to bring back to the Southern Home the bounteous harvest from fruit trees, that brings health to all the family, and delicious fruits to be canned for winter use.

The finest flavors and the juiciest specimens are those that are tree-ripened in your own yard and picked with your own hands. Complete assortment for the South.

**PEACH, HALE HAVEN** (midseason).

**PEACH, MIKADO** (early).

**PEACH, ELBERTA** (late).

**PEACH, WHITE ENGLISH CLING** (late).

**PLUM, BURBANK** (midseason).

**CHERRY, EARLY RICHMOND** (early).

**APPLE, ALL RED DELICIOUS** (fall).

**APPLE, STAYMAN WINESAP** (winter).

**APPLE, YELLOW DELICIOUS** (winter).

**PEAR, KIEFFER** (late).

**PEAR, PINEAPPLE** (late).

**CHESTNUT, CHINESE** (Blight resistant).

One strong tree from our regular stock of each for \$5.95, Postpaid.

3 trees of each variety (36 in all) for \$15.95, Postpaid.

Positively no changes allowed at these low prices.

# HASTINGS' NEW PRACTICAL SPRAYING GUIDE

Crop	Injury	Pest	Material	How and When to Apply
Roses	Diseased foliage	Blackspot Mildew	Triogen, Massey Dust, Bordeaux	Weekly through season
Roses	Eaten foliage and buds	Chewing insects	Triogen	Weekly through season
Roses	Wilted tips	Aphis (lice)	"DX" Spray	Spray as necessary
Garden Flowers	Eaten foliage	Chewing insects	Arsenate of Lead	Spray when necessary
Garden Flowers	Discolored foliage	Disease	Wettable Sulphur	Spray when necessary
Garden Flowers	Wilting at tips	Aphis (lice)	"DX" Spray	Spray when necessary
Garden Flowers	Blighting of plant	Disease in soil	Bordeaux Mixture	Spray plants and soil
Flowering Shrubs	Eaten foliage	Chewing insects	Arsenate of Lead	Spray when necessary
Camellias—Gardenias	Blackened leaves and stems	White fly, scale Sooty Fungus	Nursery Volck	Every 8 weeks Often if necessary
Evergreen Shrubs	Scaly bark and leaves	Scale	Nursery Volck	Every week for 3-4 applications
Conifers	Dying areas	Red Spider	Dusting Sulphur	Every week for 3 applications
Deodar Cedars	Dead branches	Borers	Sharp knife	Cut and burn affected parts
Pot Plants	Wilting at tips	Aphis (lice)	"DX" Spray	Spray when necessary
Pot Plants	White mass on leaves	Mealy bug	"DX" Spray	Spray when necessary
Vine Plants	Powdered leaves	Mildew	Rotenone-sulphur	Dust when necessary
Vine Plants	Eaten foliage	Chewing insects	Rotenone-sulphur	Dust when necessary
Apple, Pear	Scaly bark	Scale	Lime-sulphur	Spray in late winter
Apple, Pear	Wilting foliage	Aphis (lice)	Black Leaf 40	Spray when necessary
Apple, Pear	Wormy fruit	Codling Moth	Arsenate of Lead	(1) When petals fall
Apple, Pear	Wormy fruit	Codling Moth	Arsenate of Lead	(2) 14 days later
Apple, Pear	Wormy fruit	Codling Moth	Arsenate of Lead	(3) 21 days later
Cherry, Plums	Wormy fruit	Curculio	Arsenate of Lead	Spray as buds open
Cherry, Plums	Wormy fruit	Curculio	Arsenate of Lead	Spray every 10 days for 3 times
Cherry, Plums	Rotted fruit	Brown Rot	Wettable Sulphur	Use with above spraying
Peach	Wormy fruit	Curculio	Arsenate of Lead	(1) Most flower shucks fallen
Peach	Wormy fruit	Curculio	Arsenate of Lead	(2) Two weeks later
Peach	Wormy fruit	Curculio	Arsenate of Lead	(3) Four weeks before picking
Peach	Rotted fruit	Brown Rot	Wettable Sulphur	Same as above
Grapes	Rotted fruit	Mildew	Bordeaux Mixture	Every two weeks on leaves
Berries	Diseased plants	Blight, Spot, etc.	Dry lime-sulphur	Spray in late winter
Beans	Eaten leaves	Mex. Bean Beetle	Rotenone-sulphur	Dust weekly as necessary
Most Vegetables	Eaten leaves	Chewing insects	Rotenone-sulphur	Dust as necessary
Most Vegetables	Wilted tips	Aphis (lice)	"DX" Spray	Spray as necessary

## NOTES ON USING MATERIALS — FURTHER DIRECTIONS ON PACKAGES

Use one pound dust for 1,000 feet of vegetable row.

Use one to two pounds dry spray (most kinds) for 50 gallons water for summer spray liquid.

Use one to two level tablespoons dry spray for 1 gallon water for summer spray liquid.

Buy four or five pounds dust for average small garden.

Buy small size aphis spray for few plants; medium size for garden.

Buy one pound dry spray to mix with water for small orchard or garden.

Massey Dust for Roses is easily made by mixing thoroughly nine parts dusting sulphur and one part of arsenate of lead. One part tobacco dust may be added to control aphis as well.

**Spray or dust frequently and thoroughly for effective prevention.**

PRICES POSTPAID  
EXCEPT AS  
NOTED

# INSECTICIDES—FUNGICIDES

DIRECTIONS  
WITH EACH  
ORDER

ALL MATERIALS ON THIS PAGE SOLD ONLY IN ACCORD WITH GOVERNMENTAL REGULATIONS APPLICABLE  
**SUCKING, CHEWING INSECTS COMBINATION CONTROLS**

## ARSENATE OF LEAD

For Chewing Insects. Stomach poison against Moths, Worms, Caterpillars, Curculio, Bugs, Beetles and all leaf-eating insects. Poison. Lb., 40c. 4 Lbs., \$1.00. Write for Larger Quantity Prices.

## CALCIUM ARSENATE

For Chewing Insects. For dusting Potatoes and other vegetables against Potato Beetles, Cabbage Worm, Tomato Worm and such chewing insects. Also used for Boll Weevils. Poison. Lb., 35c. 4 Lbs., 76c. Write for Larger Quantity Prices.

## MAGNESIUM ARSENATE

For Bean Beetles. The most effective control for Mexican Bean Beetles. Poison. FOR SPRAYING—12 Oz., 50c. 2 Lbs., 90c. FOR DUSTING—1 Lb., 50c. 4 Lbs., 94c.

## BAIT-M WITH METALDEHYDE

Poison bait for cut worms, slugs, snails, grasshoppers, etc. Spread on ground. 2½ Lbs., 75c. Order early.

**BLACK LEAF 40 PASTE FOR APHIS, ETC.** Nicotine sulphate and spray soap in handy measure tube to squeeze only. Mix with water and spray for aphids, thrip, leaf-hopper and many other sucking insects preying on flowers, shrubs, trees, etc. Can be used on poultry roosts for mite control and as dog repellent. 3 Oz. tubes, 40c. 2½ Lb. can, \$2.65. Postpaid.

**BLACK LEAF 40—Nicotine Sulphate** For Aphids. Spray for Aphids, Thrips, Leaf-Hoppers, etc. Paint hen roosts to prevent lice. Poison. 5 Oz., \$1.00. Lb., \$2.25. 2 Lbs., \$3.25.

## "DX" Combination Garden Spray

For All Garden Insects. New, very penetrating and powerful combination garden spray for all kinds of insects, both sucking and chewing. Simple in use. Merely dilute with water and spray. Ranks very high in tests. 1½ Oz., 35c. ½ Pint, \$1.25. Quart, \$3.50. Gallon, \$9.50. Non-poisonous when sprayed.



## FISH OIL SPRAY SOAP

For Sucking Insects. Aphids wash, getting larvae and eggs. Lb. 55c. 5 Lbs., \$2.22.

## SCALECIDE—WINTER SPRAY

Combination. Effective, safe oil spray for scale insects and diseases on hardy plants during winter. Quart, 85c. (F. O. B.—Gallon, \$1.75. 5 Gals., \$6.35.)

## TOBACCO DUST

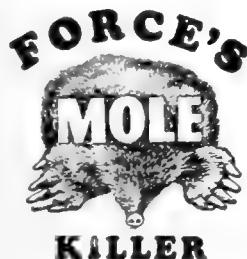
For Aphids. Also Flea Beetles in soil, around roots. 2 Lbs., 40c. 10 Lbs., \$1.40.

## WILSON'S O K PLANT SPRAY

For Sucking Insects. Safe for flowers, greenhouse plants, evergreens, shrubs, trees. Quart, \$1.25. (F.O.B.—Gallon, \$3.00. 5 Gallons, \$12.00.)

## DESTROY MOLES

Force's Mole Killer Pellets have been successful now for 30 years and we recommend them to you for your lawn or garden. Send for a supply to have on hand. They keep indefinitely. Poison. 75 Pellets, 50c. 185 Pellets \$1.



## ROTENONE DUST FOR BEAN BEETLES

SOLD FOR ESSENTIAL FOOD CROPS ONLY. Non-arsenical. A very effective and highly recommended dust for the control of bean beetles and many other chewing insects that attack fruits and vegetables. Rotenone is recommended by the U. S. Dept. Agric. and at present can only be sold for use in food crop production. Please state in your order the purpose for which it is to be used. Rotenone Dust, 4 Lbs., \$1.10. Postpaid.

## KRYOCIDE—NATURAL CRYOLITE

Kills Bean Beetles, Potato Bugs, Etc. A natural insecticide made from Greenland Cryolite and found to be very effective in the control of most chewing type insects that feed upon our garden vegetables. Exhaustive tests show that it is fully safe to use on all vegetables without danger. Try it on those Mexican Bean Beetles, Potato Bugs and Cabbage Worms this year and prove its worth in your own garden. Just dust it lightly on. KRYOCIDE D-50 DUST. 3 Lb. bag, \$1.05. Postpaid.

## SPRAYERS—DUSTERS

We offer subject to supplies being unsold the following equipment.

### LEADER SPRAYER

Strong, tested, galvanized, pump type, pressure sprayer complete with hose and nozzle. Holds 3½ gallons. Perfect garden size. Postpaid, \$5.15.

### ADMIRAL DUSTER

Well known and favorite hand, plunger type duster. Dust reservoir 2¼x4¼ in. Complete with extension tubes and fittings—ready for dusting the average garden. Postpaid, \$1.20.

## TRI-O-GEN FOR ROSES

Complete for Roses. Disease and insect killer and repellent. Used properly makes perfect roses and plants. Also valuable for many other flowers.

### PRICES—POSTPAID

Small Kit for 12-20 roses ..... \$1.50  
Medium Kit for 50-80 roses ..... 4.00  
Large Kit for 100-150 roses ..... 6.00  
Extra Large Estate Kit ..... 20.00

## SPECIAL CONTROLS

### VOLCK NURSERY GARDEN SPRAY

For Camellias-Gardenias and other evergreens. For Scale, Spider, White Fly, Aphids, Mealy Bugs, etc. Non-poisonous for greenhouse and nursery plants and trees. Pint, 75c. (F.O.B.—Gallon \$2.25. 5 Gallons, \$8.50.)

### LINSO SOAP — A GOOD SPREADER

A perfect spreader for most sprays. Helps it stick as well as spread. ½ Pt., 45c. 1 Qt., 95c. 1 Gal., F.O.B., \$2.10.

### PARA-SCALECIDE FOR BORERS

A superb new combination spray for borer control along with control of scale insects. Takes the place of paradichlorobenzene. 1 Qt., \$1.00. 1 Gal., F.O.B., \$2.20.

### WETTABLE SULPHUR

The great summer spray for rot and mildew control on fruits and flowers. Disperses chiggers on lawns used as dust. 2 Lbs., 43c.

### ELASTIC PRUNING PAINT

Elastic paint preparation for painting cuts, bruises, wounds of plant and trees. Gives complete protection. 1 Qt., 75c.

### AMMATE—DUPONT WEED KILLER

For poison ivy, weeds, etc. Sensational new weed killer to spray on leaves, killing out even the roots of many noxious and dangerous weed pests. Dead remains are fireproof and do not harm livestock. 6 Lbs., \$2.12. Postpaid. Full directions on package.

## FUNGICIDES

### BORDEAUX MIXTURE

For Mildew. Standard for mildew, Black Spot and other diseases on flowers, shrubs and some vegetables. Lb., 40c. 4 Lbs., \$1. Write for Larger Quantity Prices.

### BASIC COPPER SULPHATE

For most fungous diseases. Requires no lime to prevent foliage burn. Used in place of Bordeaux and more effective. 1 Lb., 50c. 4 Lbs., \$1.45.

Write for Larger Quantity Prices.

### DRY LIME SULPHUR

Effective spray for San Jose, Oyster Shell Scales, Blights, Leaf Curl, Mites, Borers, Scabs, Mildew and Red Spider. Lb., 46c. 5 Lbs., \$1.80. F.O.B. 25 Lbs., \$4.00. Write for Larger Quantity Prices.

### DUSTING SULPHUR

For most diseases. Effective against Mildew, Black Spot and bulb rot. 3 Lbs., 40c. 9 Lbs., \$1.00. Write for Larger Quantity Prices.

## SEED DISINFECTANTS

All prices Dupont Semesan products quoted below are F.O.B. Atlanta. (Dealers write for quantity prices. We are jobbers for Dupont Semesan products.)

### SEMESAN

Organic mercury disinfectant for dusting and liquid use on seeds, bulbs and soil. Used principally against rots, rust, wilt, damping-off and smut, which are not otherwise controlled. Poison. 2 Oz. treats ½ bu. of small seed or 1 Bu. of large seed, 40c. 12 Oz., \$1.88. 4 Lbs., \$9.10. (Trial Pkt., 10c.)

### ARASAN—FOR PEANUTS

New Dupont seed disinfectant specially made for treating peanuts. 3 Ozs. treats 2 bushels. 8 Oz. Pkg., 80c. 5 Lbs., \$6.45.

### NEW IMPROVED SEMESAN BEL

For treating white and sweet potatoes. Poison. Lb. treats 70-80 bu. seed potatoes, 2 Oz., 30c. 1 Lb., \$1.65. 4 Lbs., \$5.70.

### NEW IMPROVED SEMESAN JR.

For treating seed corn. Poison. Lb. treats 8 bu. 12 Oz., 56c; 6¼ Lbs., \$3.75.

### 2% CERESAN

For treating cotton, millets, peas, sorghums, grains and narcissus bulbs. Poison. Lb. treats about 5 Bu., 75c. 4¾ Lbs., \$3.14. 25 Lbs., \$14.50. 100 Lbs., \$52.00.

### 5% IMPROVED CERESAN

For treating Cotton, Wheat, Rye, Oats, and Barley for seed-borne disease, such as smut. 1 Lb. (treats 30 Bu. grain, or 10.7 Bu. cotton), 80c. 4 Lbs., \$2.70. 25 Lbs., \$15.00. 100 Lbs., \$55.00.



## ORDER STRICTLY BY GROUP LETTER

- A. Alfalfa; Sweet, Bur, Hubam Clovers.
- B. Red, Alsike, Crimson, White Clovers. For separate groups A and B: 1 Bu., 50c. 2½ Bu., \$1.00.
- C. All vetches; Austrian, Garden and Sweet Peas, 100-Lb. size, 50c.
- D. All Garden Beans, except Limas (See E.) 1 Bu. size, 35c.
- L. Lespedeza, all kinds, 100-Lb. size, 50c.
- E. Peanuts, Cowpeas, Velvet Beans, Lima Beans, Kudzu, Crotalaria, Alyce Clover, Beggarweed.
- S. Soy Beans, all varieties. For above groups E and S: 120 Lbs., 30c. 300 Lbs., 55c. 1,500 Lbs., \$2.50.
- Sp. Special garden size for all garden peas, sweet peas, garden beans, lima beans and lupines. 8 Lb. size, 10c.



ES sential  
MIN eral  
EL ements

## FRUITS AND VEGETABLES RICH IN VITAMINS CANNOT GROW IN SOIL POOR IN MINERALS

ES—  
MIN—  
EL

Order ES-MIN-EL today. 5 POUNDS—(FOR 5,000 SQ. FT., GARDEN) \$1.25 POSTPAID.

Fully discussed in special message on page 81, this epochal introduction perfectly supplements regular fertilizer using it at the rate of only a pound to 1,000 square feet, or approximately 50x20. It is not harmful so two or ten times above application is

perfectly safe, although unnecessary. Only one treatment of the soil lasts all year even with heavy cropping. Grow healthier, finer crops, much richer in vital vitamins, with ES-MIN-EL (Product of Tennessee Corporation—huge chemical

manufacturer)—mineralize your garden for Victory and Peace. 5 Lbs., \$1.25. Postpaid. (Sufficient for the average garden up to 5,000 sq. ft.) Use it in the flower garden, too—no restrictions. No smaller amounts sold than 5 Lbs. F.O.B. 100 Lbs., \$7.50.

### FERTILIZER FOR FOOD PRODUCTION

We are very happy to advise that governmental authorities, recognizing the superb production records of Victory Gardeners, are allowing practically unlimited use of a special 5-10-5 high grade fertilizer for food production purposes only. We offer the following subject to supplies being unsold and to governmental regulations applicable at time of sale and strictly for food production use only:

These Victory Garden fertilizers are sold under W.P.B. regulations and are to be used only in the production of food or feed crops. VIGORO (VICTORY GARDEN FERTILIZER) 25 Lbs., \$1.45. 50 Lbs., \$2.35. 100 Lbs., \$3.70. F.O.B. Atlanta. ARMOUR'S (VICTORY GARDEN FERTILIZER) 100 Lbs., \$2.75. 500 Lbs., \$12.75. F.O.B. Atlanta.

### FOR FLOWERS, ETC.

With fertilizer materials a little more plentiful, governmental authorities have allowed a small production of high grade fertilizer for us to keep up our lawns, shrubs, flowers, and trees. No restrictions on these as long as supply lasts.

VIGORO (4-12-4 for Lawns, Shrubs, Flowers, Trees) 100 Lbs., \$4.00. F.O.B. Atlanta.



## PULVERIZED SHEEP MANURE

Permanently Improves All Soils and Makes Better and Brighter Green Lawns and Finest Gardens in All the Southland!

Here's the real secret for every home owner and gardener. We recommend Wizard Sheep Manure to you because we have used it for years on the Hastings' Plantation, our Trial Grounds and on our lawns and flowers. We know it will help you have a better lawn and garden. Wizard is a real soil builder of lasting value and not a temporary stimulant. This natural plant food is prepared by a

weed seeds. Wizard also supplies all the essential plant food elements in a natural form, easily digested by plants. Manures increase the water holding capacity of the soil and lessen damage from droughts.

Wizard is ideal for all plants and full directions for application are in every bag. For old lawns apply 7 to 10 lbs. and in preparing new lawns 10 to 12 lbs. per 100 sq. ft. For flowers use a handful mixed with the soil under each new plant or 10 to 12 lbs. per 100 sq. ft. of bed area. For shrubs, vines and trees use 1 to 10 lbs. according to size.

**Prices** 25 Lbs., \$1.00. 50 Lbs., \$1.75. 100 Lbs., \$3.00. 200 Lbs., \$5.50. 500 Lbs., \$12.50. 1 Ton, \$45.00. F. O. B. Atlanta. By Freight or Express Only, Charges Collect.

special direct heat drying and sterilizing process that kills all

### Vitamin B<sub>1</sub> To Help Make Sick Plants Well

The new chemical that restores health and vigor to many sick and dying plants; effect is almost miraculous! Vitamin B<sub>1</sub> is not a plant food but it enables many weakened plants to absorb more food by stimulation of the rooting systems. Use on new as well as old plants, both indoors and outdoors. Full directions sent with each bottle. Season Supply. Postpaid. \$1.00. Special trial size, 25c. Satisfaction guaranteed or your money refunded!

### ALUM. SULPHATE

The proper chemical for making the soil acid for Azaleas, Camellias, Rhododendrons, Laurel, Gardenias, Boxwood, etc., when the pH reaction is too high.

Aluminum sulphate is recommended at the rate of 8 pounds for each 100 square feet to lower the pH reaction one point.

If your soil reacts pH 6.5 (7.0 is neutral) you would need 12 pounds for each 100 square feet of bed to reduce it to 5.0 which is ideal for most acid-loving plants. 3 Lbs., 40c. Postpaid. F.O.B. Atlanta. 25 Lbs., \$1.50. 100 Lbs., \$5.00.

### ADCO SAVES NITROGEN

With Nitrogen so critically short and so essential in making explosives our government has necessarily restricted its use. We can utilize all of our waste vegetative materials such as leaves, lawn clippings, shrub trimmings and some kitchen excess by piling same in a pit or other confined space and spreading Adco on each layer. Adco quickly rots these materials into excellent manure, saving the valuable nitrogen. Full directions with each package. 25 Lbs., \$2.00. 100 Lbs., \$7.75. F. O. B. Atlanta.

## ROOTONE

PATENTS PENDING

Rootone contains one of the most powerful synthetic plant hormones of all—diluted with other ingredients to get the best range of activity on plants. It is the easy dust treatment.

**LOW COST** 1/30 to 1/50 of a cent per cutting.

#### SIMPLICITY

No skill is needed to apply Rootone. Just dip and plant.

#### POSTPAID PRICES

The One Dollar jar contains two ounces when packed. In case the powder has settled it will fluff to original volume with a light shaking. It will treat up to 3,000 cuttings. \$1.00. For commercial growers, a package of one pound (16 oz. avoird.) treat up to 30,000 cuttings. \$5.00. Trial size, 25c.

## FULTON'S PLANTABBS

Odorless Plant Food Tablets  
Containing Vitamin B<sub>1</sub>

For plants in pots, boxes or beds, either indoors or outdoors. Use this new amazing highly concentrated plant food to which has been added that remarkable and miraculous plant revitalizer Vitamin B<sub>1</sub>. Plantabbs are very rich. Nitrogen, phosphoric acid, and Potash, PLUS the proper effective amount of Vitamin B<sub>1</sub>. The Vitamin B<sub>1</sub> makes many sick and weak plants healthy and the plant food feeds them into a vigorous and normal development. Small size (30 tablets) 25c. 75 tablets for 50c. 200 tablets (Special economy size) for \$1.00. Large professional size, \$2.75. Postpaid.

## HORMODIN

TRADE MARK

"Hormodin" is a hormone-like plant growth substance. Its principal use is to stimulate rapid root growth on cuttings. Many cuttings formerly impossible to propagate may now be rooted with the aid of Hormodin.

Write for complete free booklet.

#### PRICES—POSTPAID

Combination Package No. 1, 2, 3.....75c

Hormodin Powder  
No. 1 for soft wood cuttings { 1 1/4 oz. size.....50c  
1 lb. ....\$3.00

Hormodin Powder  
No. 2 for woody cuttings { 1 1/4 oz. ....75c  
1 lb. ....\$4.50

Hormodin Powder  
No. 3 for hard-wood cuttings { 1 oz. ....\$1.00  
1/2 lb. ....\$4.50

Special trial package, 25c. Postpaid.



# FOR SALE ... AN IDEA!

5 Pound Package — \$1.25 Postpaid

We can improve their nutritional value to our daily diet by adding certain basic chemical nutrients to the soil for the vegetables' needs. We are familiar with the fact that most of our soils are considered deficient in Nitrogen, Phosphoric Acid, and Potash, to the extent that we apply commercial fertilizers containing these chemicals to our gardens so that they will flourish and give us good returns for our time and efforts as "tillers of the soil."

Science, progressing rapidly in the field of soil chemistry, advises now that there are many more chemical elements that are critically deficient in most of our cultivated soils suffering from the effects of erosion or leaching, and for best growth and, more importantly, better nutritional value in our food crops, we must also periodically apply them. It has been reported that people living in certain areas in the Southwest, where essential soil minerals are abundant, are enjoying longer life, better health, and particularly very sound teeth, even in elderly people.

These essential mineral elements are definitely required for the production of highest value vegetable and other food crops, such that contain their quota of minerals in a form transferable to the human body that consumes them.

High vitamin content is definitely associated with vegetables grown in soils abundantly supplied with all essential mineral elements. Live stock fed on crops produced on such soils is productive of meat and dairy products richer in healthful minerals necessary for human well being. Vitamins do not function properly without such proper mineral environment, so the most practical way for us all to have our full human quotas is to consume them daily in fresh, mineralized vegetables from our own gardens.

These essential mineral elements have shown, on large scale tests, increased yields to more than offset the moderate costs of application, and in many cases have built

up a greater degree of disease resistance as well as superior quality.

They do not, however, serve to displace our ordinary commercial fertilizers, but, rather to supplement them wherever they may be used. It is our positive belief that within a generation all of our fertilizer manufacturers will be including these essential minerals in all their mixtures, even though that will not always be enough to balance all our soil deficiencies.

*"Fruits and Vegetables Rich in Vitamins  
Cannot Grow in Soil Poor in Minerals."*

USE

**ES-MIN-EL**

**ESsential-MINeral - ELelements**

•

**FIVE POUND PACKAGE  
A FULL YEAR'S GARDEN SUPPLY WITH  
FULL DIRECTIONS FOR \$1.25, POSTPAID**

Enough for 5,000 square feet of Garden space. No fuss, no bother—just scatter it lightly over the soil and your garden will be mineralized for a full year. (Only 5 Lb. size offered this year. No smaller packages.) F.O.B. Atlanta. 100 Lbs. (for 2 acres), \$7.50.

*Contains these mineral elements*

Manganese	Nickel
Calcium	Cobalt
Magnesium	Vanadium
Sulphur	Titanium
Iron	Tin
Copper	Lead
Barium	Chromium
Strontium	Boron

There is a very definite need now in our garden and farm soils for these necessary minerals, that our production be increased to the fullest capacities of the seasons, and that the vitamin and mineral content be of the highest for the greatest nutritional contribution to maintain our good health and well being.

The idea is not revolutionary because there is no call for any radical upset or change in our general handling of our soils. The knowledge and efforts of hundreds of years on the part of the human race has not been in vain. On the contrary, it represents fundamental progress, step by step, year by year, supplementing from time to time the previous methods and practices with what science newly brings forth.

Likewise the application of these essential mineral elements in conjunction with previously known deficient chemicals (ordinary commercial fertilizers) represents advanced scientific practise that unquestionably will soon be quite common-place and customary.

We are very proud that in 1944 we sold nearly 15,000 pounds of Esminel on our customers' faith that scientific progress does effect them in their gardens. We repeat this offer again this year because we know the deficiencies do exist in practically all our soils and the use of Esminel is the most practical manner to help restore them to their full vitamin productive capacity.

We would be derelict in our responsibility to you, our customers and garden friends, if we did not place ourselves among the first to offer you the distinct advantages of this truly epochal advance in soil treatment, and particularly now for your Victory Gardens when the call by your Government is for greater production of vitamin-rich vegetables than ever before for **Peace** as well as for **Victory**.

DONALD M. HASTINGS, President,  
H. G. Hastings Co.

Buy FRESH Seed ★ Order DIRECT From Hastings ★ Buy War Bonds

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# PEONIES ...to Grow in the South ★ ★ ★

Magnificent Peonies are being very successfully grown in almost all sections of the South except in Florida and in the light, sandy soils of the Atlantic and Gulf coastal regions. Try them in your garden. Plant Peonies in fairly rich but well-drained soils, with exposure to only the early morning sun in the deeper South. Set roots barely under soil surface. Feed with bonemeal. Never use any manure except pulverized sheep manure which has been heat-treated.



Festiva Maxima  
Superb in the South

## Hastings' Star Dozen ... Best Peonies for the South

★Felix Crousse. 8.4. Red. Bomb type. Clear brilliant red. Prominent guard petals. Strong grower. 60c each; 3 for \$1.50.

★Festiva Maxima. 9.3. White. Paper-white, crimson center markings. Very large. Best Southern variety. 60c each; 3 for \$1.50.

★Germaine Bigot. Pink. Very large. Midseason. Regal in splendor. 60c each; 3 for \$1.50.

★Karl Rosenfeld. 8.8. Red. Pure, rich, intense crimson of half rose type. Superb substance. 60c each; 3 for \$1.50.

★La Fee (The Fairy). Rose-white. Crown type. Early. Large; mauve-rose with creamy white collar. 70c each; 3 for \$1.85.

★Lord Kitchener. Red. Bomb-type flowers of cherry-red. Mid-season. 85c each; 3 for \$2.25.

★Mme. Ducl. Pink. Bomb type. Pink with silver reflex. Very large and strong grower. 60c each; 3 for \$1.50.

★Mme. Jules Dessert. Flesh-pink. Large semi-rose type. Delicate flesh shading to paler tones. 60c each; 3 for \$1.50.

★Mons. Jules Elie. 9.2. Pink. Early bomb type. King of all Peonies. Lilac-pink with silver sheen. 60c each; 3 for \$1.50.

★Officinalis Rubra. Crimson-red. One of the richest double crimson-reds. Quite vigorous and very early. 75c each; 3 for \$2.00.

★President Roosevelt. 7.7. Red. Semi-rose type. Rich, deep, brilliant red. A grand Peony. 60c each; 3 for \$1.50.

★Umbellata Rosea. Pink. Large and quite early. Rose type with salmon and pink tints. 60c each; 3 for \$1.50.

### ★ SPECIAL ★ COLLECTION OFFER

1 each of 12 varieties marked with ★  
(value \$7.70) postpaid for—

**\$5.95**

1 Each of any 6 varieties marked  
with ★ postpaid for—

**\$3.45**

Separate varieties only at regular prices.



Day Lily or Hemerocallis

## Hemerocallis, Day Lilies

Day or Lemon Lilies. Tall, graceful, 2 to 3-ft., grass-like plants. Delightful lily-like flowers. Set in full sun in well-drained beds. Plant October to April. Thrives in the South. Anyone can grow them with the greatest of ease.

### New Betscher Hybrids

D. D. Wyman. Golden, tawny splashed. June, July.

Goldeni. Golden orange. Early June. 3 ft.

Gypsy. Brilliant deep orange flowers on medium stems in June.

Lemon King. Fluted lemon-yellow flowers, medium stems, midsummer.

Modesty. -Pale yellow. June.

Any of above, 45c each; any 3 for \$1.15;  
any 6 for \$2.00; any 12 for \$3.75.

### Standard Varieties of Day Lilies

The following list contains a superb selection of variety which will bloom from spring to late summer, often repeating in fall.

Aurantiaca. Large; sweetly scented; orange, reverse Indian yellow. 4 ft. May, June.

Dumortieri. Rich cadmium-yellow with bronzy yellow reverse. 2 ft. May.

Dr. Regel. Rich orange-yellow blooms in late April or early May. 2 ft.

Flava. True Lemon Lily. Full; clear yellow; sweetly scented. 2½ ft. May.

Kwanso fl.-pl. Double golden bronze.

Middendorf. Very fragrant; rich orange-yellow. 1½ ft. April, May.

Separate varieties, 35c each; 3 for 90c;  
12 for \$3.00. Postpaid.

COLLECTION: 1 each of above 11 Day  
Lilies with new Betscher Hybrids, for  
\$2.95. Postpaid.





Giant Garden Thrift "Dixie Brilliant"

## GIANT PHLOX SUBULATA...

... Huge Garden Thrift

See rose-red clumps edging the stepping-stone and sunny banks all over the South. Blooming in early spring and believed our showiest and most thrifty ground- and bank-cover; excellent for rockeries, and a general favorite. Pretty moss-like foliage is completely covered with a sheet of bloom in spring.

### \*DIXIE BRILLIANT—HARDY GARDEN THRIFT

Phlox nivalis sylvestris. Finest, largest and richest color of all dwarf Phlox or hardy garden Thrift. The big rosy red florets cover a half dollar. Faster growing, larger plants with sheets of dazzling color make Dixie Brilliant the greatest ground-cover that we can plant and the newest and best of all dwarf plants for rockeries, banks, low bedding and edging. Hardy to heat and cold, North or South. Hastings' Georgia introduction.

35c each; 4 for \$1.00; 12 for \$2.65; 100 for \$15.00. Postpaid.

## Lovely **ORIENTAL IRIS**

Prices Postpaid . . . Ready Now, Order Early for Best Results

### Kaempferi Iris

(Thrive in rich, moist soil.)

**ASTARTE.** Dark, Violet. Enormous double flowers often 10 inches across. Prolific.

**BLUE BIRD.** Dark Violet. Single but superb.

**BLUE WAVES.** Huge semi-double Wisteria blue. Gold centers.

**CHUTSAI.** Purple. Large single violet purple veined white.



Hardy Siberian Iris

**FRANCIS E. CLEVELAND.** Blue. Very large.

**JEANETTE PARRY.** Blue. White. Large single white delicately veined soft blue. Standards mulberry. Tall.

**JOHN LEWIS CHILDS.** White. Very showy, veined blue.

**KAGARIBE.** Red. Huge flowers of Chinese red with yellow spot on each petal.

**KAMINADO—No-Tsuki.** White. Double, veined blue with yellow blotch.

**LA FAVORITE.** White. Double white, veined blue with rich purple center.

**MAHOGANY.** Red. Large, late double velvet mahogany red. Petals crested.

**ROSE ANNA.** White. Double, with ivory veins. Yellow blotch.

**PRICES—**Your choice, 40c each. Any 3 for \$1.00. Any 6 for \$1.85. Any 12 for \$3.45.

**COLLECTION—1 EACH ALL 12 FOR \$2.95. POSTPAID.**

### Hastings' Siberian Iris

They bloom early in the garden and like moist places best. Most prolific Irish.

**KINGFISHER BLUE.** Bright blue. 3 ft. Flowers excellent for cutting and showy in the garden. 35c each. 3 for 90c. 12 for \$3.00.

**MRS. ROWE—**Silvery white. 3 ft. Makes a bright show in the garden and splendid for cutting. Easily grown, striking white flowers. 35c each. 3 for 90c. 12 for \$3.00.

**IRIS PSEUDACORUS—**Yellow species. 35c each. 3 for 90c. 12 for \$3.00.

### DuPONT AMMATE

If you are having trouble with pesky weeds, wild grasses, poison ivy and other unwanted plant growth, be sure to order some of this new weed killer, made by DuPont. It's effective. It's safe to use. It's fireproof. 6 Lb. package with directions, \$2.12. Postpaid.



Lovely Oriental Iris

### Hardy Bearded Garden Iris

**AMBASSADEUR.** S. Bronzy. F. Maroon.

**DAUNTLESS.** Immense red purple. 35c each. 3 for 75c.

**DORCAS HUTCHESON.** Pansy Violet. Fall bloomer.

**INDIAN CHIEF.** Red purple.

**LENT A. WILLIAMSON.** S. violet. F. pansy.

**LORELEY.** S. yellow. F. blue, cream.

**MARY BARNET.** Huge blue.

**MOTHER OF PEARL.** Soft gray white.

**PALLIDA SPECIOSA.** Deep blue.

**PRINCESS BEATRICE.** Pale lavender blue.

**SUSAN BLISS.** Fine lilac pink.

**VIOLACEA GRANDIFLORA.** Vigorous.

**PRICES:** 1 each all 12 (unlabelled) for \$1.95.

**SEPARATE VARIETIES** (less than 3 of a variety not labelled); 3 for 75c. 6 for \$1.25. 12 for \$2.25. Postpaid. (Except Dauntless.)



# **BULBS** *for the Garden's Distinction*

Giant Hybrid Amaryllis

## **3040 Hastings' New Amaryllis Hybrids**

New giant Flowering. Hardy in lower South outdoors; used as pot plants elsewhere. Enormous lily-like flowers in great heads on strong, leafless, 2 ft. stems. Large ribbon-like leaves come from the bulbs after blooming. No flower is more gorgeous. Color range is from white with markings of rose, red and crimson to richest scarlet. Giant Bulbs—Mixed Colors only—50c each. 3 for \$1.25. 12 for \$4.25. 25 for \$7.45. Postpaid.

## **3127 Butterfly or Ginger Lily**

Hedychium Coronarium. Flourishes in moist rich soil, forming a dense clump 4 to 6 ft. tall. Extremely sweet-scented, pure white flowers borne in large clusters on top of each stalk. Blooms all fall. 25c each. 3 for 70c. 12 for \$2.50.

## **3160 Spider or Spanish Lily**

Of easiest culture, bearing large, artistic clusters of spider-like, pure white flowers continuously in summer. Largest Bulbs: 50c each. 3 for \$1.25. 12 for \$3.95. Postpaid.

## **3060 Single Tuberose Bulbs**

Mexican Albino. Strong erect habit of growth with long spikes of white flowers, though blooms are not as thickly placed on the spike, fragrance is quite intense and flowers are single. However, these bloom from old bulbs as well as new, giving blooms every year; so-called everblooming. Top Size Bulbs. 6 for 50c. 12 for 90c. 25 for \$1.65. Postpaid.

## **3050 Double Tuberose Bulbs**

We have a very limited number of these old Southern favorites for early orders only. Heavily fragrant double Excelsior Pearl, the finest of all tuberose to plant. Fine bulbs. 3 for 50c. 6 for 90c. 12 for \$1.75.

## **3145 Milk and Wine Lily**

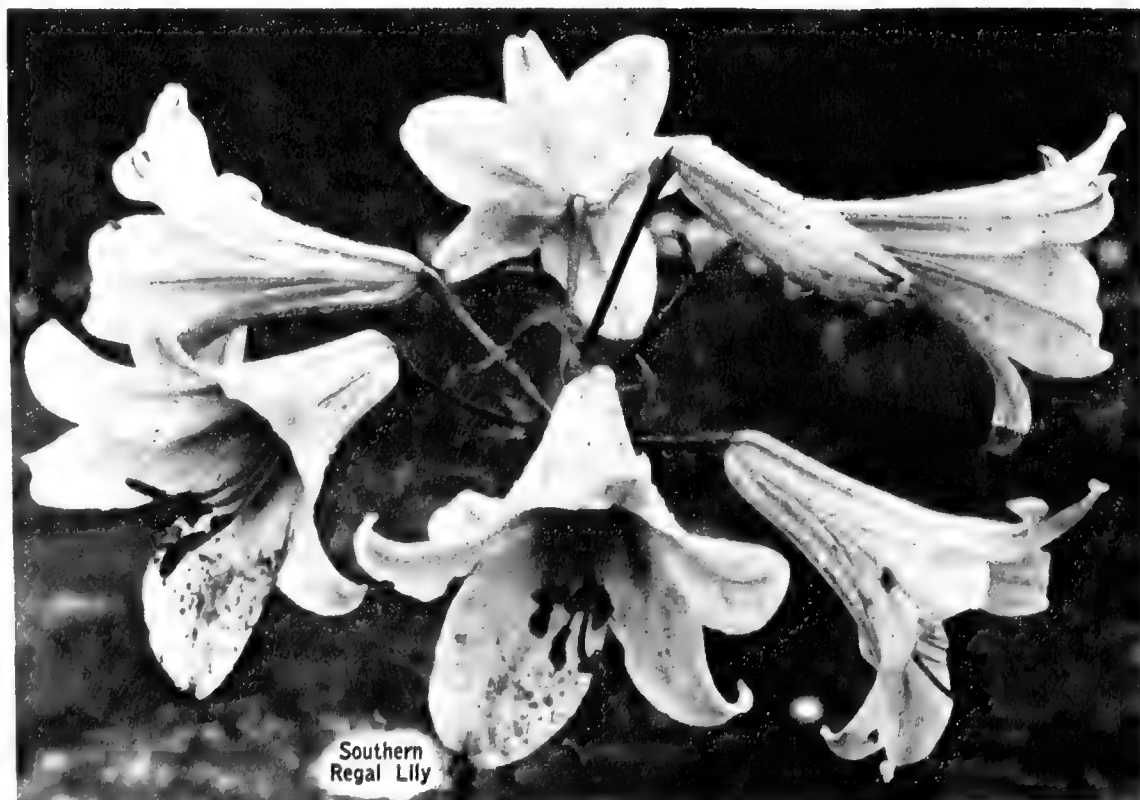
Crinum Fimbriatum—Nassau Lily Evergreen, of easy culture in lower and middle South outdoors; indoors or with winter protection farther North. Long 4-in. flowers in large showy umbels. Flowers handsomely striped white and wine or carmine. Monster bulbs, 50c each. 3 for \$1.25. 12 for \$3.95. Postpaid.

## **MAMMOTH ELEPHANT EARS (CALADIUMS)**

Giant tropical foliage plants thriving in rich, moist soil. They make rapid growth and give a very exotic effect. Fine bulbs. 35c each. 3 for 90c. Supply very limited.

## **3035 Regal Lily**

3-5 ft. tall; June flowering. Generally considered the most beautiful and satisfactory of all Lilies. Easily grown most anywhere, producing 5 or more large white flowers, suffused pink and canary-yellow towards throat. Charming jasmine fragrance. Plant about 6 in. deep with sand beneath for drainage. We highly recommend Regal Lilies for the South. Large Bulbs—50c each. 3 for \$1.25. 12 for \$3.95. Postpaid.



# CANNAS to bloom all summer long

**CANNA CULTURE**—Cannas thrive best in full sun, prefer good drainage but a very rich soil well supplied with thoroughly rotted compost and lots of moisture as soon as they are well started. Set roots 3 inches deep and 12-18 inches apart for a grand display to last all summer until frost.

ALL PRICES POSTPAID



Rose Queen Canna Border

## ORANGE-SALMON

**3129 INDIANA**—Orange. 5 ft. Green foliage; extra large flowers and heads of vivid golden orange. Orchid flowering; strong grower. 2 roots, 50c. 6 for \$1.00. 12 for \$1.85.

## YELLOW CANNAS

**3190 RICHARD WALLACE**—Canary Yellow. 4 ft. Superb bedder. Green leaves; huge trusses of clearest yellow. Best yellow. 2 roots, 50c. 6 for \$1.00. 12 for \$1.85.

### 3-Row Canna Bed, \$2.25

**3-ROW CANNA BED.** 1 Root for center plant and 6 in next row of red, then 12 Roots of best pink for outer row. 18 Roots in all. Postpaid—\$2.25.

**4-ROW CANNA BED—\$3.95.** 19 Roots of red, for center plant and next 2 rows, and 18 pinks for outer row. 37 Roots in all. Postpaid—\$3.95.

## Hastings' Pink Cannas

**3128 HUNGARIA**—Bright Rose, 3½ ft. Green foliage; glorious heads of light rose pink. 2 Roots, 50c. 6 for \$1.00. 12 for \$1.85.

**3126 ROSE QUEEN**—Salmon Pink. 4 ft. Green foliage; large heads of rich pink flowers. Grand salmon pink. 2 roots, 40c. 6 for 90c. 12 for \$1.65. Postpaid.

**3145 M. VICTOR CAYEUX** — Salmon Rose. 4 ft. Green foliage; heavy rich, gorgeous heads. One of strongest growing pinks. 2 roots, 40c. 6 for 90c. 12 for \$1.65. Postpaid.

## HASTINGS' RED CANNAS

### 3130 KING HUMBERT

—Fiery Red. 5 ft. Most popular and satisfactory Canna. Large, bronze heart-shaped leaves. Large, compact flower heads with ruffled or orchid blooms. 2 roots, 40c 6 for 90c. 12 for \$1.65. Postpaid.

**2170 PENNSYLVANIA**—Scarlet. 5 ft. Similar to King Humbert except has green foliage. Orchid-flowering with large petals and blooms. Flaming scarlet; tinged yellow in throat. 2 roots, 50c. 6 for \$1.00. 12 for \$1.85.

### 3203 THE AMBASSADOR—Cherry Red.

4½ ft. Superb bedding Canna, called bronze leaved "The President" and just as fine in every way. Mammoth trusses for gorgeous colored beds. Grand. 2 roots, 50c. 6 for \$1.00. 12 for \$1.85.



Fancy Leaf Caladium



King Humbert Red Canna

**3205 THE PRESIDENT**—Glowing Scarlet. 4 ft. Green stocky foliage; gigantic trusses well above foliage. Flame red and the huge petals look like silk crepe. Superior to any other red Canna. 2 roots, 50c. 6 for \$1.00. 12 for \$1.85.

**3108 WINTZER'S COLOSSAL** — Vivid Scarlet. 4 ft. Green foliage and the most gigantic flowers of all. 8 inches across. Petals hang gracefully. 2 roots, 40c. 6 for 90c. 12 for \$1.65.

## 3002 Fancy Leaf Caladiums

Colorful variegated foliage, with green and various color markings. 18 in. plants for pots and window boxes in shady places. Rare and fancy Brazilian varieties, mixed. Blooming size Bulbs, 35c each. 3 for 90c. 6 for \$1.65. 12 for \$2.95. Postpaid.

## MAMMOTH ELEPHANT EARS } See page 84

## Tuberous Rooted Begonias

This superb pot or porch box flower is so very easy to grow that every home lover should plant them. Also may be used in summer outdoors in shady, moist, well drained places. Mixed colors only. Blooming size bulbs, 45c each. 3 for \$1.25. 12 for \$3.95. Postpaid.



# The World's Best **DAHLIAS** for 1945 ... and the Spirit of Victory and Peace!

(All Tested for the South and Real Show Winners)

## 3353 ADOLPH MAYER

I.D. Almost S.C. 9x4. Black Red. One of the richest, darkest reds we have ever seen. Almost black. Good grower with nice stem for cutting. \$1.50.

## 3303 AMERICA'S SWEETHEART

I.D. Pure Yellow. Bloom 12x6 in. Bush 5 ft. Rating 85. Immense, unfading, high centered and glorious. Strong grower. \$1.00. 3 for \$2.50.

## 3304 ANDREA ERICSON

I.D. Pure White. Bloom 9x4 in. Bush 4 1/4 ft. Rating 85. Called White Fort Monmouth, with heavier petal formation. Dandy stems. \$1.50.

## 3317 CHEROKEE ROSE

I.D. Rose-Pink. 9x5 in. Bush 6 ft. Rating 86. Atlanta origination creating cutting sensation. Grand. \$1.25.

## 3315 CLARA BARTON

I.D. Lavender. Bloom 10x5 in. Bush 5 ft. Rating 85. Beauty on long stems. Silvery orchid, reverse deep lavender; prolific bloomer. 75c. 3 for \$2.00.

## 3318 CLARA CARDER

I.D. Pink. 10x5 in. Bush 5 ft. Our rating 86. Glorious new big rich pink, rosy suffusion. Strong stems. 75c. 3 for \$2.00.

## 3320 DARCY SAINSBURY

F.D. Creamy White. 8x3. Unusually fine formal white Dahlia that stands Southern heat and sun. \$1.25 each.

## 3404 DEMOCRACY

F.D. Yellow. 9x6. A full deep beautifully formed show dahlia of deep primrose yellow, with shades of gold. Strong, upright stems for cutting. \$1.00.

## 3319 DOROTHY STONE

I.D. Pink. Size 9x4 in. Bush 4 ft. Richer, purer, more beautiful pink. Strong grower; long erect stems. Exquisite. 75c each. 3 for \$2.00.

## 3323 EAGLE ROCK FANTASY

I.D. Silver Pink. Bloom 11x5 in. Bush 6 ft. Rating 87. Dainty form and color for its great size; petal tips divided. Long stems. 85c. 3 for \$1.75.

## 3329 FORT MONMOUTH

I.D. Deep Crimson. 10x4 in. Bush 6 1/2 ft. Rich, velvety crimson with maroon shading. Wonderful form on long stiff stems. 85c. 3 for \$2.25.

## 3330 FRAU O. BRACHT

S.C. Light Yellow. 9x4 1/2 in. Bush 5 ft. Rating 88. Highest rating given and grand cut-flower, too. Prettiest yellow cactus, exquisite form. 85c. 3 for \$2.25.

## 3366 FREDA GEORGE

I.D. White, Violet Rose. Blooms 9x5. Bush 5 ft. A most pleasing informal flower of soft white suffused violet rose. \$1.50.

## 3308 GLAMOUR

I.D. Purple. Blooms 11x6. Bush 5 ft. A very striking, rich purple with veins of violet. \$1.25 each.

## 3358 JOSEPHINE G.

I.D. Rose Pink. 9x4. Pleasing tone of true rose pink. Grand, sturdy plant, beautiful foliage, and very prolific. 75c. 3 for \$2.00.

## 3389 MILTON J. CROSS

I.D. Coral Blend. 10x6. Bush 5 ft. Yellow center, shaded rose and coral outer petals. Large, deep, full. \$1.50.

## 3309 MODEL 999

S.C. Red. Bloom 10x6. Bush 5 ft. Beautifully symmetrical, with each fiery red quilled petal perfectly placed. Gold reverses. \$1.25.

## 3394 MRS. HERBERT O'CONOR

I.C. Soft Rose Pink. 9x5 in. Bush 5 1/2 ft. Rating 86. Incurved petals of exquisite form and color. 85c. 3 for \$2.25.

## Use Vitamin B1 for Dahlias And Watch Them Grow

We most assuredly recommend that you use the Vitamin B1 treatment throughout the season for your Dahlias. Pour a gallon or two around each plant every ten days and just watch them grow! Season's supply (to make 2000 gals.), \$1.00. Trial Size, 25c.



(3303) America's Sweetheart

## 3368 OAKLEIGH MONARCH

I.D. Red. Bloom 11x6. Bush 5 ft. Huge blooms of great depth that keep well. Clear cerise red broad petals. Strong stems. \$1.00.

## 3375 PREMIER'S WINSOME

I.D. Mallow Pink. Blooms 11x6. Bush 5 ft. Massive flower borne on strong stems. Basic color white, softly suffused pink. \$1.50.

## 3390 ROBT L. RIPLEY

I.D. Deep Lilac. 12x8. Huge size and very dense petalage. Keeps unusually well. Long stems. Believe it or not. \$1.95 each.

## 3400 SNOWMAIDEN

I.D. White. 10x4. One of the most outstanding show winners in the South. Another Rick's origination offered last year for the first time. Pure white and of good exhibition size and vigor. \$6.00 each. Supply very limited.

## 3369 SUNRAYS

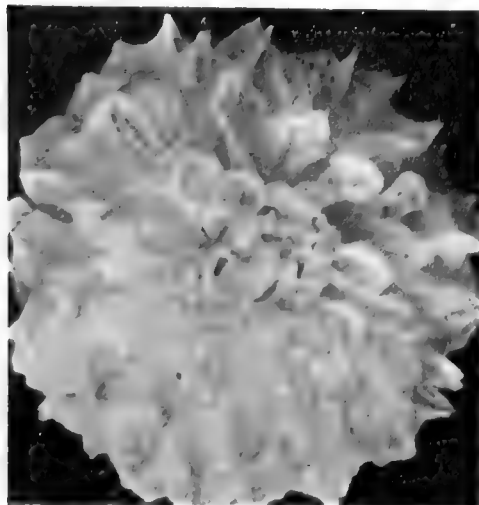
I.D. Buff Apricot. Blooms 11x7. Bush 4 1/2 ft. Pleasing clear buff with apricot suffusion, peach red reverse. Very distinctive. Strong. \$1.00.

## 3312 VICTORY

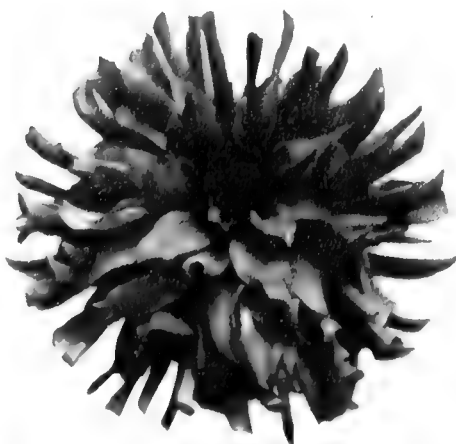
F.D. Pink, gold. Blooms 10x6. Bush 5 ft. Of perfect J. Beauty form with soft rose pink, suffused gold borne in profusion. \$1.50.

## 3310 VIRGINIA SHIPLEY

I.D. Yellow. Bloom 11x7. Bush 5 1/2 ft. Rich lemon yellow flowers with good substance for a superb show variety. Heavy foliage. \$1.50.



(3320) Darcy Sainsbury, \$1.25



(3318) Clara Carder, 75c



(3330) Frau O. Bracht, 85c

# You Need These Hastings' Superb **DIXIE DAHLIAS**

## Hastings' Selected Dahlias

In keeping with our policy of offering only the very best seeds, plants, and bulbs we offer the really outstanding Dahlias for the South on these three pages.

By careful noting in trials, as well as in the larger Southern shows, we determine those best suited for Southern soils.

**DAHLIA CULTURE**—Plant Dahlias only in fairly rich but exceptionally well drained soil so there will be no excess moisture accumulation to sour the tubers. Cover the tubers 6 inches and space them from 2 to 4 feet apart according to the type growth of the variety. Keep growing steadily with good garden fertilizer (high in Potash). Force largest exhibition blooms with lots of water when buds form. Early plantings make best bedding effects. Plant very late for prize blooms to come in autumn. Cut tops at ground level, after frost, and mulch heavily to protect clumps from winter freezing.



(3316)  
Cherokee  
Brave

### SIX FINEST CUT-FLOWER FAVORITES

An old favorite collection for Hastings' Dahlia customers, offered again in a new selection for \$2.35. Postpaid. Send for it now and save \$1.00. All for \$2.35.

(3352) Jane Cowl



## 1945 BIG FOUR DIXIE DAHLIAS . . . . \$2.95

Each a Prize-Winner — \$4.20 Value for Only  
\$2.95—Save \$1.25, Little More Than Price of the Superb  
Cherokee Brave Alone!

### *The Pick of the List—Each a Prize Winner*

#### 3314 California Idol

I.D. Lemon Yellow. Bloom 12x7 in. Bush 4½ ft. Rating 86. Huge, sensational new winner. Superb. \$1.00. 3 for \$2.75.

#### 3370 Watchung Giant

I.D. Gold. Blooms 11x6. Bush 6 ft. A real show-winning giant of amber yellow, suffused orange cadmium. Rich. 85c. 3 for \$2.15.

#### 3316 Cherokee Brave

I.D. Velvet Red. 12x6 in. Bush 4 ft. Finest red dahlia in the world; velvety carmine, purplish reverses. Glorious growth, stems, form, color, roots and everything. \$1.50 each.

#### 3362 Cavalcade

F.D. Mulberry Pink Bloom 10x5. Bush 5 ft. Beautifully formed perfect flowers on good cutting stems. 85c. 3 for \$2.15.

## 1945 BIG FOUR DAHLIAS—\$2.95

One strong, healthy, plump tuber each of the above four outstanding exhibition winning Dahlias sent postpaid for \$2.95.

## HASTINGS' FAVORITE CUT-FLOWER DAHLIAS

\$3.35 Value in Six Selected Varieties  
for \$2.35

#### 3352 JANE COWL

I.D. Apricot. Bloom 10x6 in. Bush 5 ft. A world's best; golden buff and old gold, apricot-rose at center. Grand size, form, stems. 60c. 3 for \$1.50.

#### 3371 KEMP'S WHITE WONDER

I.D. Pure White. Bloom 10x6 in. Bush 5½ ft. Rated 84. Pointed curled petals; massive on stiff stems. Likes partial shade. 75c. 3 for \$2.00.

#### 3372 KING MIDAS

I.D. Yellow. 10x4 in. Bush 4 ft. Rating 84. Great garden and exhibition rich yellow. Stocky. 50c. 3 for \$1.25.

#### 3427 PRIDE OF CALIFORNIA

F.D. Red. 6x3½. Mammoth rich American Beauty red. Tall, vigorous grower and ever-blooming in character. 50c. 3 for \$1.25.

#### 3410 MRS. I. DE VER WARNER

F.D. Mauve. Size 10x3 in. Bush 6 ft. This exquisite mauve-pink Dahlia is unsurpassed. 50c. 3 for \$1.25.

#### 3448 SAGAMORE

F.D. Saffron Yellow. Size 7x3½ in. Bush 5 ft. Shows glowing red-tinted golden suffusion; particularly fine, free bloomer in the South; large, perfect flowers. 50c. 3 for \$1.25.

(4740) Kathleen Norris



(3410) Mrs. I. De Ver Warner



# Cheer Our Returning Veterans with These ...

## **NOVELTY DAHLIAS** for 1945

### The Popular Jersey Dahlias

Six Great  
Jersey Dahlias  
for Cutting ..... **\$2.65**

#### 3357 JERSEY'S SWEETHEART

S.C. Lavender Pink. 8x3. One of the most prolific bloomers offered. Lovely soft tones of lavender pink with white center. 60c. 3 for \$1.50.

#### 3356 JERSEY'S DAINTY

S.C. White. Bloom 7x3 in. Bush 5 ft. Rating 85. Faintly tinged lavender. Healthy, fine cutter and sweetest looking Dahlia yet. Exquisite. 70c. 3 for \$1.75.

#### 3354 JERSEY'S BEACON

F.D. Oriental Red. 9x4 in. Bush 4½ ft. Early heavy bloomer, fine stems. Chinese scarlet, buff reflex. 60c. 3 for \$1.50.

#### 3355 JERSEY'S BEAUTY

F.D. Pink. 6x4 in. Bush 6 ft. Most popular of all; best bloomer, long stems, exquisite color. 50c. 3 for \$1.25. 12 for \$3.95.

#### 3360 JERSEY'S GLORY

F.D. Orange Yellow. 8x4. Large blooms with a glorious combination of orange and yellow. Grand cut-flower. 60c. 3 for \$1.50.

#### 3359 JERSEY'S SALMON

F.D. Salmon Pink. 6x4. (Kentucky.) A true sport of Jersey's Beauty, having a definite salmon color, strong growth. 60c. 3 for \$1.50.



(3356) Jersey Dainty

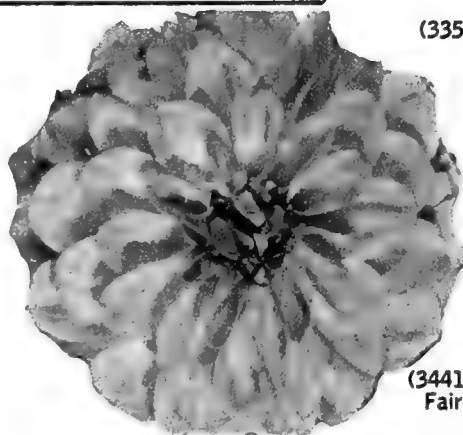
### All-Jersey Dahlia Collection \$2.65



Probably the most popular of Dahlias are those in the Jersey group, of which we offer these outstanding six in a special inexpensive collection for your garden this year. We believe you will enjoy these varied colors and types represented. Send your order early as this collection will sell out early at \$2.65. Postpaid. (\$3.60 value.) Order early.



(3355) Jersey Beauty—the most popular Dahlia of all



(3441)  
Fairy

### USE VITAMIN B1 ON DAHLIAS



A great many of our customers report marvelous root stimulation by the use of Vitamin B1 applications around their Dahlias.

The solution is used when the young plants are 6 to 12 inches tall, using a gallon of normal strength weekly for four weeks for each plant. Later applications are suggested when the first bloom buds begin to form, to insure heaviest root development when food and moisture is needed most. Send for a season supply for your entire garden (makes 2,000 gallons) \$1.00. Postpaid. Special trial size (makes 200 Gals.), 25c.

### Miniature Dixie Dahlias

Newest, prettiest, most useful of all. Small or miniature forms of Decorative, Peony and Cactus types, fully double to single forms. They should be grown naturally, without disbudding, are easy to care for and abundant bloomers.

#### 3306 BABY ROYAL

M. Peony. Salmon-Apricot. 3½x1½ in. Bush 3 ft. Rating 86. Exquisite color, most graceful form, and very artistic. 60c. 3 for \$1.50.

#### 3305 BISHOP OF LANDAFF

M. Peony. Richest Scarlet. 3x1½. Bush 3½ ft. Rating 86. Strong plant, small bronzy foliage, straight stems. 75c. 3 for \$2.00.

#### 3441 FAIRY

M.F.D. Pink. 3½ in. A miniature Jersey Beauty. Very early and continuous bloomer. Lasts well indoors as a cut-flower. Very sweet and lovely. 50c. 3 for \$1.25.

#### 3484 LITTLE NEMO

M.F.D. Red and White. 3½ in. A striking bi-color of bright red petals tipped white. 75c.

#### 3485 SNOW SPRITE

M.S.C. White. 3½ in. Exquisite pure white that is daintiness personified. 75c each.

### "Miniature 5 Dahlias" \$2.45

One root each of these 5 new and beautiful modern miniatures. Best of each color; most useful Dahlias for garden and cutting for arrangements. (Value \$3.35). For \$2.25.



# The Choice of the World's Finest Dahlias ...

## **SUPER-GIANTS**

"7 Super-Giant Dixie Dahlias" . . . \$3.95

All 7 Below for \$3.95 (Value \$5.75)

### 3379 LORD OF AUTUMN

I.D. Clear Yellow. Bloom 12x6 in. Bush 5 ft. Rating 88. Spectacular, gorgeous exhibition flower. Many claim it finest of all. \$1.00 each.

### 3344 HUNT'S VELVET WONDER

I.D. Purple. Bloom 10x6 in. Bush 5½ ft. Rated 83. Gorgeous rich red shade in huge, full centered, wide petalled flowers. 75c. 3 for \$2.00.

### 3328 FOREST FIRE

I.D. Yellow and Scarlet. Bloom 10x6 in. Bush 4½ ft. Rated 86. Spectacular show flowers of yellow shading to rich scarlet tips. 75c. 3 for \$2.00.

### 3376 KATHLEEN NORRIS

I.D. Rose Mellow. 10x5 in. Bush 5 ft. rating 86. Rose-pink, deepening to mal-

low pink. Strong grower. Gigantic beauty; winner at all shows. 75c each. 3 for \$2.00.

### 3380 MRS. WILLIAM KNUDSON

I.D. Pure White. Blooms 10x5½ in. A marvelous new white of superb form and substance. A real prize winner. \$1.00 each.

### 3363 ROBERT E. LEE

S.C. Cardinal Red. Blooms 10x6. Bush 5 ft. Bright luminous red that doesn't fade. A very worthy variety for every Southern garden. 75c. 3 for \$2.00.

### 3435 HILLCREST MANDARIN

I.D. Red and Gold. 10x4. Strong grower with gorgeously bold flowers combining autumn red and gold. Excellent. 75c. 3 for \$2.00.

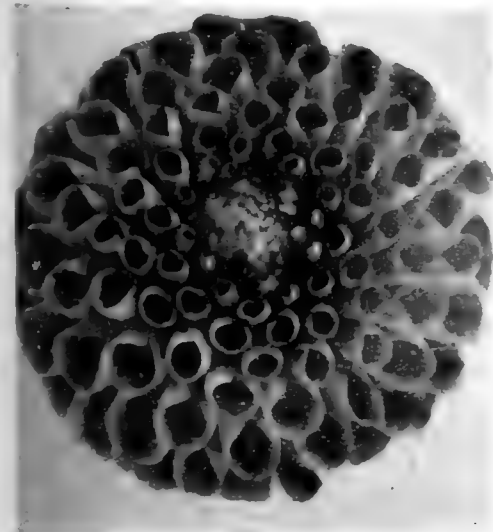


(3328) Forest Fire

## POMPON—Baby Dixie Dahlias

"Pompon Dixie Dahlias"  
\$2.25

They are superb for bedding effects in the garden, are long lasting as cut flowers and are the most easily grown of all. One each of these 6 finest Pompons for \$2.25.



Pompon Yellow Gem



(3365) Fireball

### 3483 ATOM

Bright Red. Tiniest 1-inch flowers borne in immense numbers on strong plants. 50c.

### 3482 BOB WHITE

Pure White. 1½ in. Bush 3 ft. Absolutely perfect in form and purity. 50c. 3 for \$1.25.

### 3486 HONEY

1½ in. Bush 3 ft. Soft yellow tipped warm red. A peachy blond. 50c. 3 for \$1.25.

### 3480 MORNING MIST

White and Lavender. 1½ in. 3 ft. bush. White petals faintly blushed lavender. 50c. 3 for \$1.25.

### 3481 SHERRY

Violet Purple. 1½ in. Bush 3 ft. New sensational color in these gems. 60c. 3 for \$1.50.

### 3334 YELLOW GEM

Canary Yellow. 1½ in. Bush 3 ft. Clearest color, the finest true yellow. 50c. 3 for \$1.25.

## The Perfect Ball Dahlias

### 3302 A. D. LIVONI

Ball. Cerise Pink. Size 4½x3½ in. Bush 4½ ft. Delightful clear color. 50c. 3 for \$1.25.

### 3365 FIREBALL

F.D. Scarlet. Bloom 7x5. Bush 4½ ft. Full large blooms resembling ball of fire. 75c. 3 for \$2.00.

### 3351 JEAN KERR

F.D. White. Size 4x3 in. Bush 3 ft. Ball flowers borne profusely. 50c. 3 for \$1.25.

### 3367 MARY HELEN

Ball. Yellow. Bloom 4½x3½. Bush 5 ft. Rich canary yellow perfect ball. 60c. 3 for \$1.50.

### 3489 MRS. C. D. ANDERSON

Ball. Orchid. Bloom 4x3. Bush 4 ft. Perfectly formed flowers. 50c. 3 for \$1.25.

## PERFECT BALL DAHLIA COLLECTION, \$1.95.

One each of all five of these finest of all Ball type Dahlias so useful for attractive flower arrangements. (\$2.85 value), sent Postpaid for \$1.95.

# These are the **WORLD'S SUPREME GLADIOLUS**

## New Alluring Color Tones

### 15 NOVELTIES — DIXIE CLUB COLLECTION

One bulb each (unlabeled) of these 15 outstanding giants, regardless of price, sent to you, postpaid, for \$1.85. 5 bulbs of each (labeled), 75 bulbs, \$6.45.

Your choice of any one or more separate varieties in this group. 6 for 85c. 12 for \$1.65. 25 for \$2.85. 100 for \$8.75. Postpaid.

#### 3643 ALBANIA

Pure White. Very strong grower with pure white exhibition size and quality flowers. Glistening.

#### 3608 AVE MARIA

Light Blue. Large perfectly formed flower with purple throat blotch. Perfect placement, fine stems. 7-8 open.

#### 3617 AMADOR

Bright Red. Self color throughout. Strong grower, large flowers of splendid color. Grand.

#### 3603 TOKEN.

Salmon Pink. Beautifully rich, yet delicate coloring. Early and excellent cut flowers.

#### 3623 JANET

Smoky Peach Pink. Large flowers on tall, luxuriant stems.

#### 3607 JALNA

Smoky Rose. Another Picardy seedling with a real exhibition spike. Unusual color and superb as cut flower.

#### 3632 KASSEL

Scarlet. Beautifully formed clear scarlet florets. Large spikes for cutting.

#### 3633 MARGARET BEATON

White. Immense new white with orange scarlet blotch. Superb!

#### 3636 LA FIESTA

Bright Orange. Early. Clear bright orange, free flowering and of beautiful form.

#### 3650 SUNSHINE GIRL

Salmon Pink. Tall, many large, well placed florets open at a time. Unusual.

#### 3643 TROUBADOR

Violet-Purple. Rich, vivid, show flower with long spike for superb cutting.

#### 3651 ZUNI

Blue Smokey. Large, lovely, smoky blue. Truly sensational novelty.

#### 3689 RUDOLPH SERKIN

Dark Violet Blue. Lovely blooms of pansy blue violet on strong plants.

#### 3610 ALCHEMIST

Clear Yellow. Early large flowers in compact attractive array.

#### 3626 DR. F. E. BENNETT

Fiery Red. Incomparable scintillating color; rich purple spray and dashing yellow stripe on lower petals. Mid-season flowering. Best red Gladiolus.



(3658) Silver Comet, Page 92



(3626)  
Dr. F. E. Bennett



(3610) Alchemist



(3650) Sunshine Girl

# Millions of These Fine Bulbs Sold in Past Several Years... Cash-in on Hastings'

6 for 65c. 12 for \$1.15. 25 for \$1.95. 100 for \$5.95. Postpaid. Order early. (At these prices orders for less than 6 of a variety cannot be separately labeled.)

## 3644 BAGDAD

Old Rose. Immense, beautifully formed flowers of smoky old rose or ashes of roses coloration.

## 3613 BETTY NUTHALL

Coral. Pink. Warm coral with light orange throat and rouge feathering. Extra large show winner.

## 3606 CADILLAC

Golden. Tall spike with well placed flowers of golden apricot, fading to apricot rose to edges.

## 3645 CAMELLIA

Blush White. Very good cut-flower variety with rich flowers of blush white tinted pink.

## 3625 CHARLES DICKENS

Purple. Deep velvety purple-violet blooms on tall, strong spikes. Very rich color.

## 3622 DEBONAIR

La France Pink. Clear La France pink to shrimp pink in throat lightly peppered crimson.

## 3629 FLAMING SWORD

Spectrum Red. Brilliant flame coloring, long, slender spikes of large flowers. Mid-season.

## 3687 GIANT NYMPH

Pink Blend. Extra large frilled flowers of light rose-pink with creamy yellow throats. Vigorous.

## 3655 GOLD EAGLE

Golden Yellow. Very early. Deep rich yellow, slightly ruffled flowers on vigorous straight spikes.

## 3635 GOLDEN DREAM

Deep Yellow. No other coloring. Tall, straight, vigorous; medium sized flowers. Finest yellow.

## 3653 MAID OF ORLEANS

White. Pure white flowers have cream throats and bloom, many at same time. A superb show.

## 3640 MARGARET FULTON

Salmon. Rich deep salmon, shaded apricot in throat. Rounded cup-shaped large flowers.

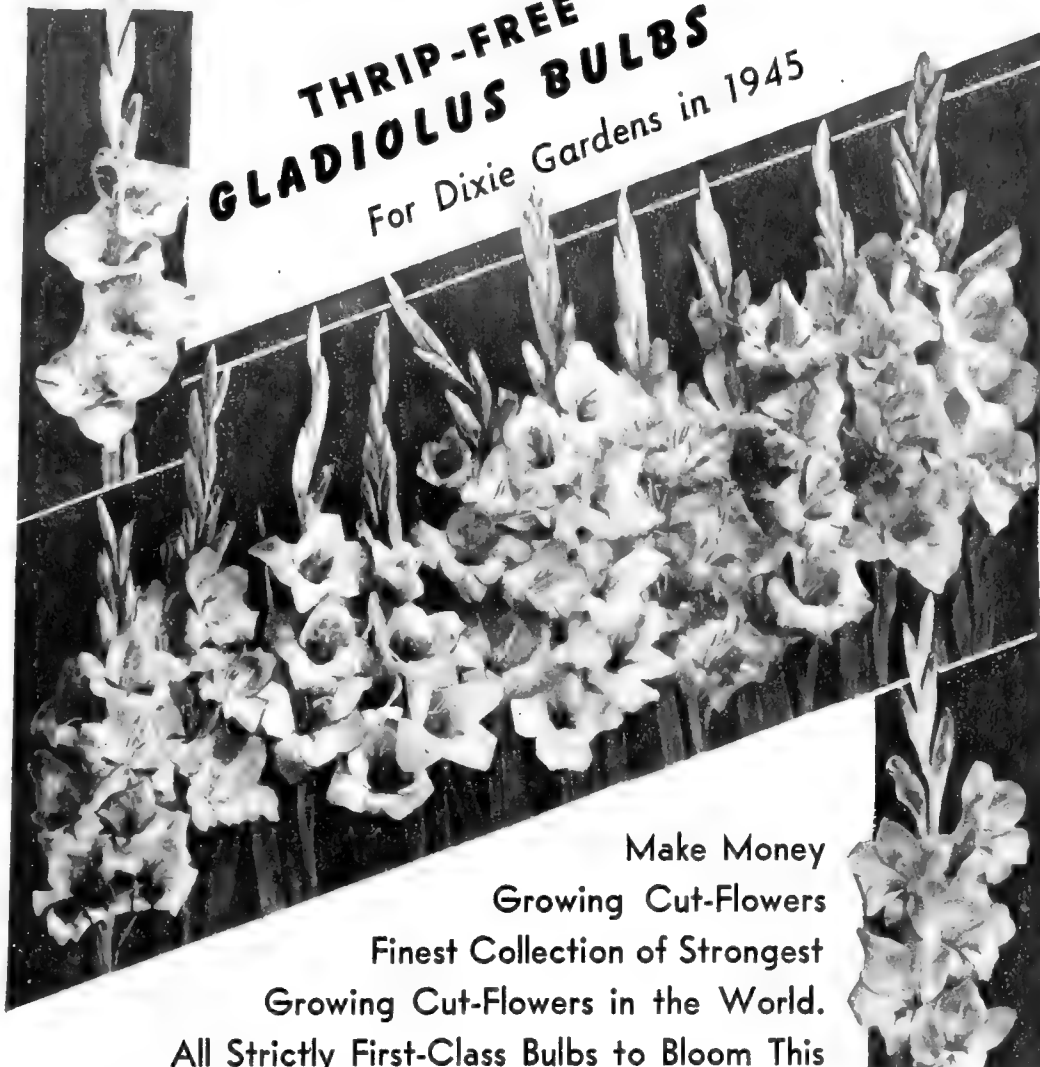
## 3665 Picardy—Glorious

### FINEST OF ALL CUT-FLOWERS

Shrimp Pink. Giant, lightly ruffled flowers of great substance. Best of all, a sensation and winner everywhere. Finest exhibition cut-flowers. A great florist's variety that does well indoors and outdoors, bringing highest market prices. Perfect stems and flowers. Most popular of all gladiolus varieties and does exceptionally well throughout the South. You must include Picardy in your selection. Prices same as all others on this page.

## THRIP-FREE GLADIOLUS BULBS

For Dixie Gardens in 1945



Make Money

Growing Cut-Flowers

Finest Collection of Strongest

Growing Cut-Flowers in the World.

All Strictly First-Class Bulbs to Bloom This

Summer — Your Choice, Any One or More of these 25 Superb  
Varieties at These Bargain Prices

## 3654 MINUET

Orchid. Cream throat blotch, dusted purple. Finest lavender and most exquisite of all. Large.

## 3639 PEGGY LOU

Rose Pink. A new large flowered glad called a pink sister to Picardy.

## 3609 PELEGRINA

Blue. Rich deep blue so difficult to find in gladiolus flowers. Very distinctive and rich.

## 3693 PHYLLIS McQUISTON

Pure Pink. Strong, straight, tall, extra large, double rowed flower spikes. Consistent show winner. Finest color.

## 3683 RED PHIPPS

Salmon Red. Similar to the famous W. H. Phipps except red color and taller spikes.

## 3697 REWI FALLU

Blood Red. Heavy textured deep blood red of outstanding merit and beauty.

## 3696 EXCELLENCE

Bright Red. Fine colored bright red of outstanding brilliance and beauty.

## 3673 BREAK OF DAY

Lafrance Pink. The gorgeous coloring and form of the finest. Quite large.

## 3671 SHIRLEY TEMPLE

Cream. Rich cream huge ruffled flowers on strong stems. One of finest.

## 3614 SONATINE

Rose. Late Atlas rose with cherry blotches. Florets immense on giant stems.

## 3602 VAGABOND PRINCE

Garnet. Early. Seedling of Picardy with gorgeous garnet-brown florets.

## 3693 W. H. PHIPPS

Iridescent Pink. Many call it the world's finest. Strong, straight, tall, extra large, double rowed flowers. Consistent show winner.



# THE CREAM OF THE CROP...

*The Most Exquisite of  
All Gladiolus*

## NEW RUFFLED TEN

Beautifully frilled or ruffled petals. Finest. One bulb each (un-labeled) of all 10 for \$1.45. Five each (labeled) sent postpaid for \$4.65. Any one or more separate varieties—your choice—6 Bulbs for 95c. 12 for \$1.75. 25 for \$2.95. 100 for \$8.95. Postpaid.

### 3638 BARCAROLE

Orange. Clear grenadine orange, heavily ruffled, of great substance.

### 3649 BEACON

Scarlet. Very tall, with large ruffled light scarlet flowers, cream blotch.

### 3648 BRIGHTSIDE

Canary Yellow. Shading to deep orange with superb ruffling. Great!

### 3631 GATE OF HEAVEN

Pure Yellow. Many well spaced florets open at same time. Slightly ruffled.

### 3647 KING ARTHUR

Lavender Pink. Large ruffled and fluted flowers with dark penciling. A truly superb exhibition variety. Glorious.

### 3658 SILVER COMET

White. New and striking large creamy white flowers with lilac feather in throat. Tall and graceful.

### 3641 MYRNA

Cream. Ruffled pale cream exhibition glad. Many florets open on tall stem.



The Cream of the Crop  
Hastings' Gladiolus

### 3634 RED LIGHTNING

Rich Scarlet. Early large richly colored with cream throat. Brilliant sensation!

### 3688 ANNIE LAURIE

Pink. Heavily ruffled delicate pink. Sweetest favorite.

### 3627 KING LEAR

Reddish Purple. Clear deep color with silver line on petal edges. One of most beautiful of all ruffled glads.

## Try Some Vitamin B1 On Gladiolus

Creating the greatest sensation in the garden world of anything in the past quarter century Vitamin B1 is proving itself as an almost indispensable aid in promoting healthful and strong, vigorous growth on plants of all kinds, including Gladiolus. Use it freely. Trial package, 25c. Season's supply, \$1.00.

Lovely Primulinus  
Hybrid



## Five Primulinus Hybrids

*For the South ... 55c*

**Decorative butterfly type — Finest** for cut-flower arrangements. Primulinus are also better growers and propagators.

### 3656 ORANGE QUEEN

Orange. Very tall and striking. Vigorous with large florets of vivid color. Distinctive.

### 3646 APRICOT GLOW

Apricot Pink. Tall, wiry, curved shafts. Most desirable color. Perfect for arrangements.

### 3691 OLIVE MARIE BROWN

Apricot Orange. Gorgeous cut flowers with many florets open at same time. Tall stems.

### 3692 QUEEN OF BREMEN

Rose Pink. Very attractive rose pink prim, that blooms very freely. Best of its color and quite vigorous.

### 3694 SOUVENIR

Pure Yellow. Purest color of all; hooded blooms, very artistic. Curved spikes and very popular.

Separate varieties. 6 for 65c. 12 for \$1.10. 25 for \$1.80. 100 for \$5.00. Postpaid.

## These 5 Greatest Primis of All for 55c

One bulb each of the above finest 5 Primulinus Gladiolus, for finest cut-flowers (unlabeled), 55c. 5 each (labeled), 25 bulbs, \$1.85. 10 of each (labeled) \$2.85. Postpaid.



*Hastings' RAINBOW-MIXED*  
*Loveliest GLADIOLUS*  
**ONE DOZEN FINE BULBS FOR ONE DOLLAR**

**ONE HUNDRED TOP SIZE THRIP-FREE BULBS FOR ONLY . . . . . \$4<sup>95</sup>** Postpaid

Above—Field  
of Hastings'  
Thrip-Free Gladiolus

**3700 Finest Rainbow Mixed Gladiolus Bulbs**

**Nearly a Million Top Size Strictly First-Class Bulbs to Bloom This Summer**

**THESE FLOWERS SELL FOR HIGHEST PRICES ON THE CUT-FLOWER MARKET**

Many of our customers like a general assortment of many colors, and we sell many thousands of "Hastings' Finest Mixed Gladiolus" every year. We have tried to get a good assortment of colors and shades and you will find that these bulbs produce large showy spikes of the richest colored blooms in great profusion. A real colorful mixture. There are early, medium and late varieties to give you a long flowering season and you will be delighted with these splendid Glads. Order them by the hundred or thousand for garden or border displays and have them for cut-flowers through the summer. Plant some every week or two after frost time until July to prolong the blooming season.

**LOWEST PRICES THAT YOU DARE NOT REFUSE. POSTPAID—6 for 60c.  
12 for \$1.00. 25 for \$1.75. 100 for \$4.95.**

place until spring planting again.

Authorities recommend: To control old thrip infestations, spray with a mixture of 2 ounces tartar emetic (poison), 1 pound brown sugar or honey, and three gallons water, as they appear. Being a poisonous mixture it must be handled with extreme care.

Mix materials with small amount of water first then stir in rest of water. Apply when leaves are 6 inches tall in bad-infested areas, otherwise when color shows on buds. Repeat weekly as necessary for complete control as thrip comes from other flowers and neighbor gardens altogether too readily.

**How to Grow Hastings'  
Thrip-Free Gladiolus Bulbs**

It is with pride that we offer these superb top size, plump, highest quality, and thrip-free bulbs to you again this season.

Plant them freely every week or ten days through spring and early summer for a long and glorious season of bloom for garden color and cut-flowers to bring inside for decorative arrangement.

Set bulbs 4 inches deep and six inches apart in well-prepared and well-drained beds, dug deeply. Sheep manure is excellent fertilizer to use along with other high-grade mixtures. (See p. 80.) After blooming, the tops should be allowed to die naturally before digging, doing so in late summer or early fall, and storing in a frost-free

**Why Hastings' Bulbs Are the  
Best for You to Plant in 1945**

Each year our experts visit breeding grounds, trial grounds as well as growing farms and many flower shows, learning the best varieties, the finest thrip-free bulbs and the best methods of keeping them until it's time for you to plant them in your garden. This insures your having the best results in your garden.

Yes, bulbs can be bought perhaps at cheaper prices than ours, but we sincerely believe no better bulbs can be bought at any price. That constitutes Hastings Fifty-Year Policy of service.

# Rose Crop Critically Short This Spring...



Only the new patented roses listed below are available. Order before February 10. We are sorry that our short crop of other varieties sold out last fall. Our efforts have been spent growing mostly food and feed crops. We hope to have full supplies again next season after Victory.

PLEASE ALLOW SEVERAL WEEKS' TIME  
FOR SHIPPING

## One 2-Yr. Plant of Each \$5.00

The 3 Top-Winning All-America Rose Selections for 1945, 1944 and 1942. Highest scoring, most satisfactory of all new Roses, the highest award a Rose can merit. All for \$5.00.

Only 500 Left for Spring  
Order Before February 10

## Spray Roses With Triogen (See P. 79)

The secret of successful rose growing is to select the best spray material possible (TRIOGEN, p. 79) and then to use it regularly as a prevention to keep your roses healthfully clean and vigorous.

## Mirandy

Pat. 632. Deep, blackish crimson-red, richer than Crimson Glory. Very large pointed buds open to big, high-centered blooms of 40 to 50 petals, borne singly on strong stems continuously all season. Abundant, leathery, glossy, dark green, disease-resistant foliage. Strongest fragrance of all. Top winner 1945. Delivered—\$2.50 each.

## Mme. Chiang Kai-Shek

Pat. applied for. Large, long-pointed canary-yellow buds open to magnificent big creamy-yellow flowers on vigorous, upright plants with heavy bronzy canes all season. The outstanding light yellow rose, top winner for 1944. Delivered—\$2.00 each.

## Heart's Desire

Pat. 501. Great streamlined buds on erect stems are excellent for cutting and its fragrance is supreme. Beautiful form, heavy petalage, very strong growing, rich scarlet color, all-season blooming and with disease-resistant, luxuriant foliage. Top and only 1942 All-America rose winner. Delivered—\$1.50.

## DIRECTIONS FOR ROSE CULTURE IN THE SOUTH

**ACCLIMATED ROSES**—On Hastings Plantation we grow many thousands of Everblooming and Climbing Roses. All are budded on strong roots outdoors, are strong plants, two years old, and have been blooming profusely all summer long. They are of the finest Southern-tested garden varieties.

We recommend these strong plants for all sections of the United States where Roses can be grown, and particularly for the South.

**ALL PRICES POSTPAID WITHIN U. S.**—We will ship plants to you as quickly as your order can be prepared at the nursery. Please allow 2-3 weeks in spring rush season. Set plants in their permanent places as soon as received from us so they may become well established before growing weather starts in spring.

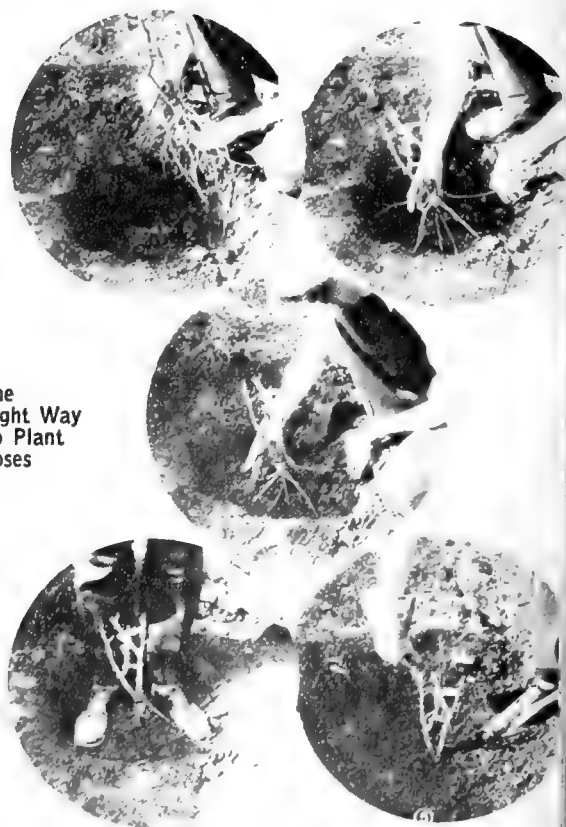
**WHEN TO PLANT**—December 1 to March 15 is the time to plant Roses. We can supply these fine plants until leaf-growth starts in the spring, about April 1, but better success is had with earlier planting. Late fall or winter planting is far more satisfactory.

**HOW TO PLANT**—Upon receipt of plants, open the bundle and place roots in a pail of water for a few hours. Don't expose to sun or wind. After removing from the water, trim off broken or damaged roots. We do main pruning for you before shipment. Soil should be well prepared before plants arrive. Spade a good garden soil 30 inches deep and thoroughly mix Sheep Manure or well-rotted stable manure with the soil in upper 12 inches and peat moss in lower 24 inches. Plant in late afternoon or on a cloudy day if possible. Set Bush Roses 18 to 30 in. apart, except Hybrid Perpetuals, which need about 3 feet of space. Climbers need about 6 feet of space between plants.

Dig a hole large enough to spread the roots without crowding and deep enough to cover a little deeper than plants were in the nursery. Budded Roses must be planted so the scar or swelling left by bud is beneath the surface. In filling with soil, shake plant lightly, so soil gets all around the roots, then fill hole completely and firm soil so plant is set solid. Soak well with water. Vitamin B1 treatment is recommended (see p. 80). Further pruning back may be done when new leaf-growth starts in spring.

**CULTIVATION**—Cultivate frequently, about 1 in. deep, without disturbing the roots. Mulch entire beds with 2-in. layer of peat moss. This protects roots from sun, gives them air and conserves soil-moisture. When watering, soak the ground as deep as roots penetrate, about 18 in. Spray regularly with Tri-ogen. Treat with Vitamin B1 as needed and feed every 6-8 weeks. (See page 80).

**PRUNING**—Just before spring growth begins is the best time to prune bush roses, trimming back all very old dead and diseased branches and cutting back the others about half. This forces heavy new growth which produces the finest flowers. Prune hardy climbers after blooming, trimming only as necessary to keep strong, vigorous younger canes.



The  
Right Way  
To Plant  
Roses

Join the **AMERICAN ROSE SOCIETY**  
DUES \$3.50 ADDRESS: BOX 675 HARRISBURG, PENNA.



# SPRAYING AND PRUNING

Plant, Prune, Spray Right for Fine Fruits and Flowers.  
Hastings' is Headquarters for Materials



**APPLES. Pruning.** Plant young trees with strong terminal buds. Select 3 buds or small branches a foot apart around trunk, lowest bud at height desired for lowest limb. Other buds are cut out with sharp knife. If other branches develop, cut them off the following spring. As desired branches develop after the first year, select buds to retain as on the whip, pointing in different directions for balance. Keep other branches off by pruning close to limb or trunk. Besides, prune out all dead, diseased, weak branches and any which would interfere with more desirable branches each spring.

**Spraying.** For home orchards 4 or 5 sprays are needed each year to prevent fungous and insect infestations, as follows: 1. Dormant spray. This delayed spray is made when fruit buds become silvery colored and before young leaves develop. Use Lime-Sulphur with addition of Black-Leaf 40, nicotine sulphate, as directed on packages, against scales, scab, red mite and aphids. 2. Pink bud spray. Use when fruit buds show pink color, Lime-Sulphur mixed with Arsenate of Lead, against scab, curculio, worms and caterpillars. 3. Calyx spray. Use when petals drop and before calyx closes, Lime-Sulphur and Arsenate of Lead in weaker solution as on package directions. 4. Use same spray 10 days later. 5. Same spray 15 days later. If only 2 sprayings are made a year, use numbers 1 and 3 as most important.

**PEACHES. Pruning.** Plant small trees and prune to 3 or 4 chosen buds or branches 8 to 12 inches apart on trunk and pointing in different directions to avoid later splitting. Prune back the main stem above chosen top bud or branch. The second year, before buds swell, cut off all shoots not needed for the tree's framework, keeping tree rather low and open in center. After bearing begins, cut back new shoots in mid-winter at least half way.

**Spraying.** The general program is 4 sprayings. 1. In winter use a strong Lime-Sulphur spray according to package instructions against leaf-curl and San Jose scale. 2. After petals drop and

husks split from young fruits, use Wettable Sulphur with Arsenate of Lead against scab, brown rot and curculio. 3. Repeat this spray 15 days later. 4. Use Wettable Sulphur again 15 to 20 days later against scab and brown rot. Borers may infest trunks at or beneath the soil surface. Examine for injury in June and September. Dig borers out with knife and wire. Use Para-Scalecide around trunks of older trees about October 1st, as directed on package.

**PEARS. Pruning.** Prune pears as directed for apples except that more secondary branches are left to use for others in case of fire blight, the worst enemy. If blight occurs, with leaves turning black, cut off all blighted parts, disinfecting tools after each cut.

**Spraying.** If leaf-spot diseases occur to defoliate use Lime-Sulphur or Wettable Sulphur. Lime-Sulphur is also used as a winter spray against scale on the bark. Arsenate of Lead for chewing insects and Black-Leaf 40 for sucking insects are used when infestation is noticed.

**CHERRIES. Pruning.** On planting, prune to 3 to 5 of best placed buds or branches around trunk but don't cut back tips of branches. Otherwise leave alone except for interfering branches until bearing. Then interior shaded branches may be removed to admit air and sunlight.

**Spraying.** 1. Use Lime-Sulphur when bud scales separate and show green. Add a teaspoonful of Black-Leaf 40 per gallon for sweet cherries. 2. Use Lime-Sulphur with a tablespoonful of Arsenate of Lead per gallon as husks split from the young fruit. 3. Use same spray 10 days later. 4. In years when leaf-spot is bad, use Lime-Sulphur after harvesting.

**PLUMS. Prune** as for young apples. Spray for brown rot as for peaches. If leaf-blight or black-spot diseases should attack leaves, use the Cherry spray schedule. Aphids are controlled by using Black-Leaf 40. For plum curculio, crescent-like markings in the fruit, use Arsenate of Lead right

after flower petals fall and again 10 days later.

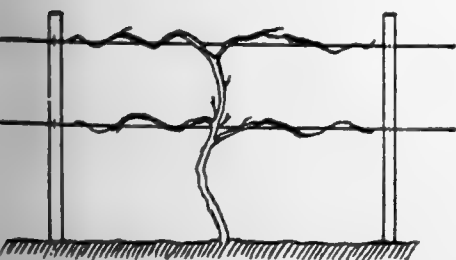
**BERRIES.** Blackberries and Dewberries should be pruned. Pinch off tips when about 3 feet tall or long to develop low branches. After fruiting, cut out old stems as they are through bearing and will die anyway. Pull up between-row suckers to prevent spreading out of control. If underside of leaves develop a bright orange rust, pull up plants and burn them. Burn any canes infested with borers. Spray with Black-Leaf 40 for leaf miners in summer and with Bordeaux Mixture in winter as rust preventive.

**Raspberries** are pruned as for Blackberries. In early spring remove dead and weak canes and shorten long new canes, leaving 3 to 5 strong canes per plant to fruit each year. Main diseases, as with Blackberries, are yellows, anthracnose, orange-rust and cane-blight. Remove and burn diseased plants, as also for cane and root borers. Spray as above.

**GRAPES. Pruning.** Never cut in summer. Only prune while dormant, preferably in December. Very long, overgrown canes are usually sterile so cut them off at their bases. Reduce length and number of normal shoots, thickness of a pencil, which will bear the next summer. Start training after second year, selecting 2, 4 or 6 canes from main stem in pairs to train horizontally, as in picture below, each cane restricted to bear 6 to 10 buds, according to its strength. Each bud should average 2 grape clusters.

**Spraying.** Black-rot is the worst disease and spraying for that usually controls most other diseases and insects. Plow under rotted fruit in early spring. Spray 4 or 5 times with Bordeaux Mixture—first when new growth is starting, second when new growth is about 10 inches long, third after blossoms drop, fourth 10 days later, and fifth 15 days later. Second and third sprayings should have added a heaping tablespoonful of Arsenate of Lead to each gallon of spray to control flea beetle, rose chafer, berry moth and root worm.

SEE PAGE 79 FOR COMPLETE LISTING OF ALL SPRAY MATERIALS, ETC.



Pattern for Grape Pruning (all kinds)



Remove fruiting canes as berries are picked



Remove dead and weak canes in spring



Cut limbs close

# FERNS

for Everybody . . .



Boston Fern, 35c

—House Plants in Winter

—Outdoors in Warmer Weather

We offer varieties giving satisfaction everywhere, easy and quick to grow into sizeable plants. They should fill a large pot in one season. Ferns are always in good taste.

## IMPROVED BOSTON FERN

Most popular of all true green ferns. Fronds or leaves quite long, arching and very luxuriant. Grows quickly and lasts for years. Often called "fountain fern" and large specimens are always in great demand. We use it on front porch and under trees in summer and indoors in winter. 35c each. 3 for 90c. 12 for \$2.95. Postpaid.

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Plumous Fern, 35c

## FERN COLLECTION \$1.55

1 nice plant each all five ferns for \$1.55, and 1 Improved Zebra Plant FREE! All sent postpaid for \$1.55.

### FLUFFY RUFFLES FERN

Very compact, rather slow growing; short, heavy, finely divided fronds, giving appearance of a fern within a fern. Valuable for house and table. 35c each. 3 for 90c. 12 for \$2.95. Postpaid.

### ASPARAGUS PLUMOSUS

Lace Fern. Used as a table fern and for cut sprays to use with flowers. Most delicate, lace-like, semi-trailing, branching foliage on slender, wiry stems for cutting. 35c each. 3 for 90c. 12 for \$2.95. Postpaid.

### ASPARAGUS SPRENGERI

Emerald Feather. The favorite porch and basket plant in the South. Leaves grow 4-5 ft. long, gracefully drooping. Grand as porch plants every summer and beautiful house plants in winter. 35c each. 3 for 90c. 12 for \$2.95. Postpaid.

## Plantabbs Plant Food

Feed these plants with Plantabbs, containing Vitamin B1. 30 tablets, 25c. 75 for 50c. 200 for \$1.00. Postpaid. (As advertised in Life Magazine.)

## OTHER HOUSE AND POT PLANTS

### IMPROVED ZEBRA PLANT

Sansevieria Laurenti. Most satisfactory house plant; long, fleshy, striped, sword-like waxy leaves with distinct yellow margins along edges. Taller, straighter, more erect than old type. Superb pot plant. 40c each. 3 for \$1.00. 12 for \$3.45. Postpaid.

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Handsomely rich, dark green, striped, wide, grass-like leaves, in graceful tufts, 12 in. high. Silvery spikes of lilac-blue flowers add to its beauty in summer. Hardy outdoor evergreen South, for edging walks and beds. Grand window pot plant indoors. 35c each. 3 for 90c. 12 for \$2.95. 100 for \$17.50. Postpaid.

## CACTUS PLANTS

House Types. Easily grown indoors.

SLENDER CACTUS—Serpentinus. 35c.

MEDIUM CACTUS—Harrisoni. 35c.

HEAVY CACTUS—Triangularis. Large. 35c.

Cactus Prices—Your choice. 35c each. Any 3 for 90c. Any 12 for \$2.95. Postpaid.

## DX PLANT SPRAY

We offer this very highly effective and efficient spray material that is quite safe to use by following simple directions. Order some to have on hand for quick emergency use for insects of most kinds that attack ornamental plants. Trial size, 35c. 1/2 pint size, \$1.25. Postpaid.

WRITE FOR OUR GARDEN BOOK LIST. SUBJECTS INCLUDE FLOWERS, VEGETABLES, FARMING, FRUITS, HUNTING AND FISHING, LANDSCAPING, DOGS, ETC.



## BLUE-PINK HYDRANGEA

Lovely colored French Hydrangeas are well suited to pot or tub culture and can be grown with slight protection outdoors in the South. Color in most varieties is controlled by the soil condition. Add lime for pink color, aluminum sulphate for blue color. 75c. 3 for \$1.75. 12 for \$4.95. Postpaid.

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# READ DIRECTIONS FOR ORDERING

It's Easier to Shop by Mail and Save Critical Rubber and Gasoline—Save for Victory!

**Hastings' Branch Stores** We are very proud of our new branch stores located at 2205 Second Ave., N., Birmingham, Ala., and at 715 Cherry St., Chattanooga, Tenn. In these stores we offer genuine Hastings quality products and service and are delighted for you to call by to see us at these locations if you live in or visit these great Southern cities. Please send mail orders directly to Atlanta, however, for quickest service.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one, two and three-cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the order amount is paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**About Warranty** H. G. HASTINGS CO. gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. Liability in all instances is limited to the purchase price of the seeds, plants or bulbs. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things that it is impossible for us to give such warranty or guarantee. This does not mean that we lack confidence in the products we sell, but we have no control over them after they leave our house, especially so as to the methods of planting, cultivating and fertilizing and seasonal conditions, all of which are important factors in the success of any crop. If we should warrant or guarantee productiveness in anyway, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept.

**We Pay the Postage** (Within U.S.A. only.) On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, half pound, pound, 2-pound, 5-pound and 10-pound quantities, we pay the postage, except where F. O. B. price is indicated, and guarantee safe delivery by mail. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "Not Prepaid" or F. O. B. price is named.

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When you order seeds in 10 to 100-pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your postoffice or mail box it is best to have them come by parcel post.

Large F.O.B. trees cannot be sent by mail. Too large.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid IN ADVANCE and you must send us the amount of postage in addition to the cost of the seeds.

Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

**How to Figure Postage** First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from Atlanta. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 15 pounds, a peck of corn with bag containing it. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 25 cents; for the 3rd zone 38 cents; for the 4th zone 61 cents and so on. With the table shown it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much, the surplus will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments.

## APPROXIMATE LOCATION OF ZONES

**GEORGIA**—In 1st and 2nd. Extreme south in 3rd zone.  
**ALABAMA**—Eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.  
**FLORIDA**—The northern part is in the 3rd, the rest is in the 4th, except extreme southern part in 5th zone.  
**MISSISSIPPI**—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.  
**LOUISIANA AND ARKANSAS**—Both entirely in the 4th zone.  
**TEXAS**—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.  
**TENNESSEE**—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.  
**KENTUCKY**—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.  
**SOUTH CAROLINA**—Western part in 2nd, balance in 3rd zone.  
**NORTH CAROLINA**—Extreme western part in 2nd, the rest in 3rd zone except extreme eastern part which is in the 4th zone.

## Parcel Post Zone Rates (subject to change)

Wt. In Lbs.	Zone 1 & 2	Zone 3rd	Zone 4th	Zone 5th	Zone 6th	Zone 7th	Zone 8th
1	\$0.09	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15	\$0.16
2	.11	.12	.15	.18	.20	.24	.27
3	.12	.14	.18	.23	.27	.33	.38
4	.13	.16	.22	.28	.34	.42	.49
5	.14	.18	.25	.34	.41	.52	.61
6	.15	.20	.29	.39	.48	.61	.72
7	.16	.22	.32	.44	.56	.70	.83
8	.17	.24	.36	.50	.63	.79	.95
9	.18	.26	.39	.56	.70	.89	1.06
10	.19	.28	.43	.61	.77	.98	1.17
11	.20	.30	.46	.66	.84	1.07	1.29
12	.22	.32	.50	.72	.92	1.16	1.40
13	.23	.34	.54	.77	.99	1.26	1.51
14	.24	.36	.58	.82	1.06	1.35	1.63
15	.25	.38	.61	.89	1.13	1.44	1.74
16	.26	.40	.65	.94	1.21	1.53	1.85
17	.27	.42	.68	.99	1.28	1.63	1.97
18	.28	.44	.72	1.05	1.35	1.72	2.08
19	.29	.46	.75	1.10	1.42	1.81	2.19
20	.30	.48	.79	1.15	1.49	1.91	2.31
21	.31	.50	.82	1.21	1.57	2.00	2.42
22	.33	.53	.87	1.27	1.64	2.09	2.53
23	.34	.55	.90	1.32	1.71	2.18	2.65
24	.35	.57	.94	1.37	1.78	2.28	2.76
25	.36	.59	.97	1.43	1.85	2.37	2.87
26	.37	.61	1.01	1.48	1.93	2.46	2.99
27	.38	.63	1.04	1.53	2.00	2.55	3.10
28	.39	.65	1.08	1.60	2.07	2.65	3.21
29	.40	.67	1.11	1.65	2.14	2.74	3.33
30	.41	.69	1.15	1.70	2.21	2.83	3.44
31	.42	.71	1.18	1.75	2.29	2.93	3.55
32	.44	.73	1.23	1.81	2.36	3.02	3.67
33	.45	.75	1.26	1.86	2.43	3.11	3.78
34	.46	.77	1.30	1.92	2.50	3.20	3.89
35	.47	.79	1.33	1.98	2.58	3.30	4.01
36	.48	.81	1.37	2.03	2.65	3.39	4.12
37	.49	.83	1.40	2.08	2.72	3.48	4.23
38	.50	.85	1.44	2.14	2.79	3.57	4.35
39	.52	.88	1.47	2.19	2.86	3.67	4.46
40	.53	.90	1.51	2.25	2.94	3.76	4.57
41	.54	.92	1.55	2.30	3.01	3.85	4.69
42	.56	.94	1.59	2.36	3.08	3.94	4.80
43	.57	.96	1.62	2.41	3.15	4.04	4.91
44	.58	.98	1.66	2.46	3.22	4.13	5.03
45	.59	1.00	1.69	2.52	3.30	4.22	5.14
50	.64	1.10	1.87	2.79	3.66	4.69	5.71
55	.70	1.21	2.05	3.07	4.02	5.15	6.27
60	.75	1.31	2.24	3.34	4.38	5.61	6.84
65	.81	1.41	2.41	3.62	4.74	6.08	7.41
70	.87	1.51	2.60	3.88	5.10	6.54	7.97

Zones are based on the distance you are from the shipping point, Atlanta, Ga. Up to 150 miles from Atlanta is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1,000 is 5th, 1,000 to 1,400 is 6th, 1,400 to 1,800 is 7th, over 1,800 is 8th zone. If you send too much, surplus will be returned.



# INDEX OF VEGETABLES AND FIELD SEEDS

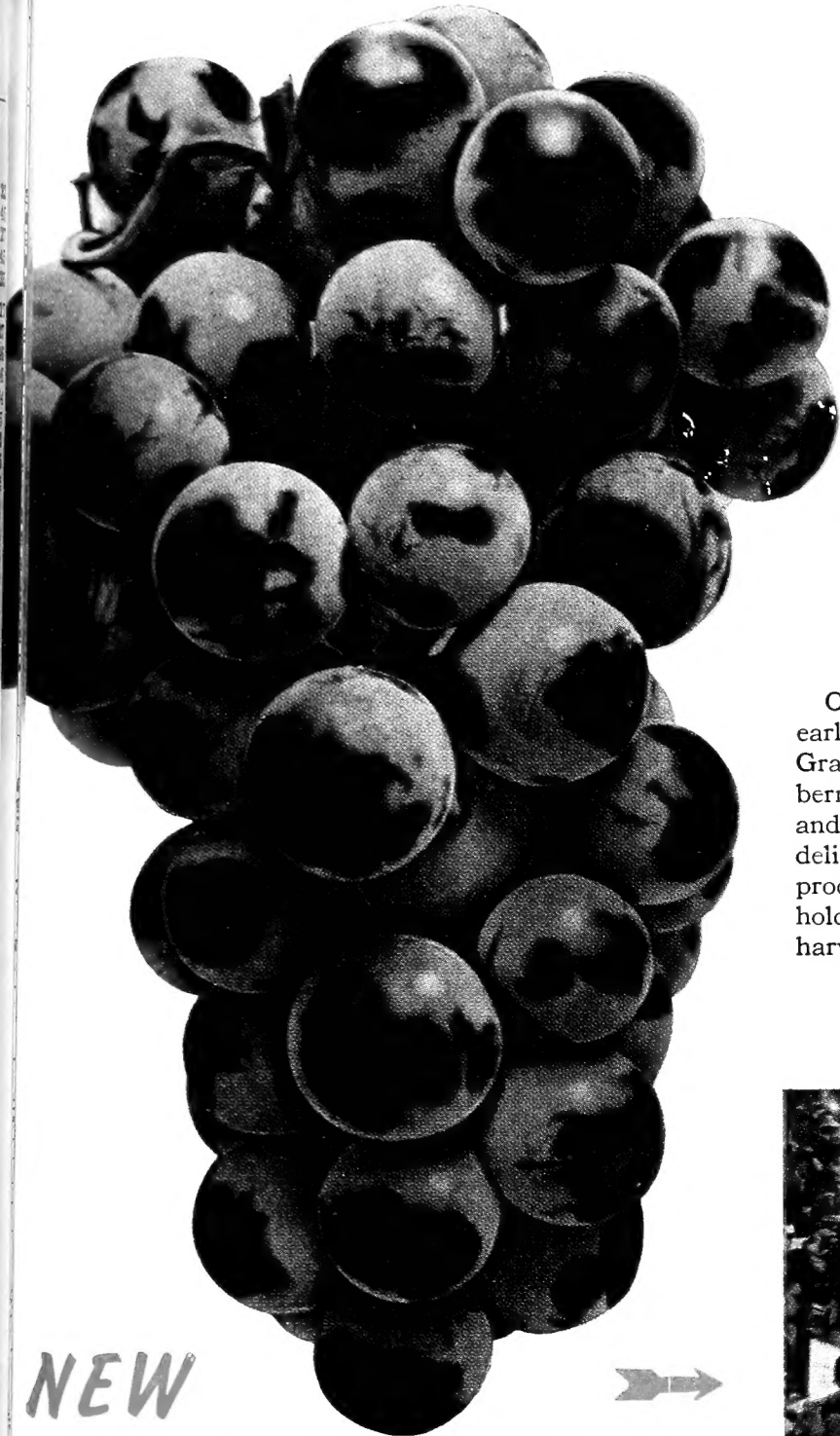
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